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Flora of Honduras



William A. Schipp

Botanical Explorer

Stann Creek

B.H.

Central America



anno

1933-34

Flora
of Honduras
British Price List
of
Seeds & Herbarium
Material
from
William A. Schipp
Stann Creek, British Honduras

May

1890

1890

20th May 1890
The above is a list of the
names of the persons who
were present at the meeting
of the Committee on the 18th
May 1890.

Witnessed and signed
at the meeting of the
Committee on the 18th
May 1890.

Witnessed and signed
at the meeting of the
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Committee on the 18th
May 1890.

ACKNOWLEDGMENTS

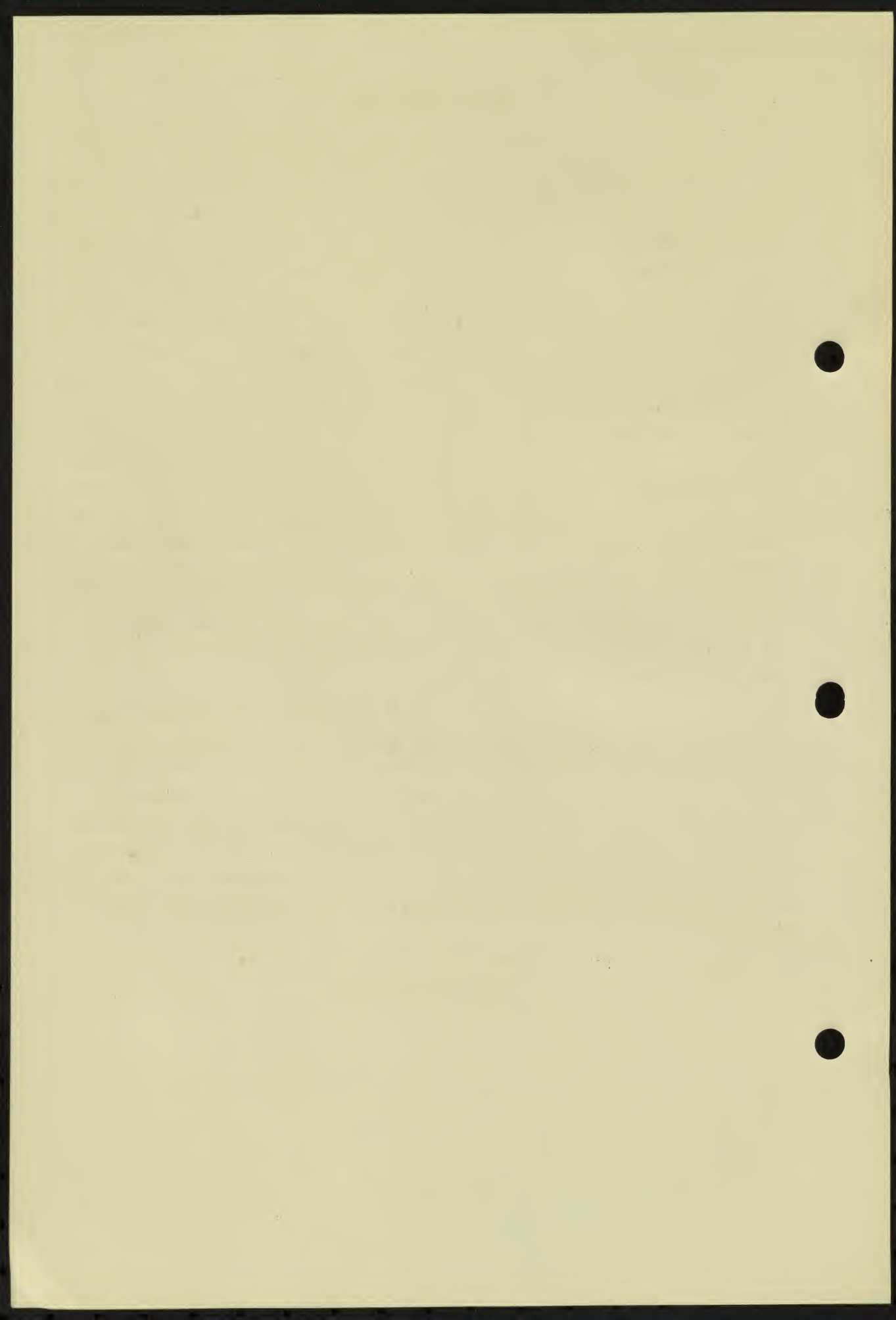
For the possibility of being able to send you this completely classified list of Herbarium Specimens I am, first and foremost, under a constant debt of gratitude to Prof. Paul Standley of the Field Museum, Chicago, for the time and trouble he has given to the making of my Determinations; and for his many encouraging letters which have gone far to smoothing the rough passages one meets in work in the tropical bush. I am further in debt to Prof. R. Pilger of Berlin-Dahlem. To Prof. Max Burret, Berlin-Dahlem, for the classification of my Palms and Prof. Randolph Taylor, Ann Arbor, Michigan, for classification of Algae. To Prof. A. S. Hitchcock, Washington. Prof. W. R. Maxon, Washington. Prof. R. Mansfeld, Berlin-Dahlem and Dr. E. Ulbrich, Berlin-Dahlem. To all these Specialists I render my respectful thanks.

I also take this opportunity of thanking many local residents, for their hospitality, during the course of my wanderings in different sections of the colony. And particularly,-- To the Jesuit Mission Fathers, for their kindness, for placing their bush mission quarters at my disposal. To Dr. C. S. Harwood, Stann Creek, for his invaluable aid and advice in terminating this catalogue. To my friend Mr. A. Bellhouse, Stann Creek. To Mr. H. W. Turner of the Tropical Oil Products Co. To Mr. Lee & Magruder Pearse of Punta Gorda, and to more I acknowledge my gratefulness.

I have to thank my Clients for the generous support they have again given me, for without the continual assistance afforded by their orders for Herbarium Specimens, Seeds and other material there would not be now the possibility of presenting you with this Catalogue; and it is my hope that if you are interested in the Indigenous Flora of Central America and not already a Subscriber to my Collections, you will assist me in my endeavour to, produce in time a fairly comprehensive Catalogue of the Flora of the whole of this Colony.

Yours faithfully

William A. Schipp



TERMS AND CONDITIONS OF SALE

Subscribers are requested to read carefully the following

Directions and Explanations:

Prices are quoted in the Dollar currency of the United States of America. If money is transmitted in any other currency it must be of equivalent value on date of receipt.

In all cases cost of Postage will be charged on material sent.

Subscribers ordering Herbarium material for the first time, if not writing under the letter-heads of UNIVERSITIES, BOTANICAL GARDENS or MUSEUMS, are requested to send with their order half the price value of the goods required. Following on despatch an Account will be rendered for the balance and Postage.

In the case of SEEDS it will be sufficient if such new Subscribers remit \$1.00 with their order. This will be returned if the SEEDS are unobtainable within six weeks, unless the Subscriber has in the meanwhile given other directions, or made other purchases in the payment for which the Dollar can be incorporated. See Explanations under SEEDS.

Prices for Preserved Material etc, must be fixed by special arrangement.

Every care is taken in the packing of any material sent; and in the case of Herbarium Specimens. Extra precautions taken, are, the placing of material in an artificial Drier for half an hour, and then on withdrawal, to sprinkle with Napthalene before sealing for shipment. Any damaged specimen, inadvertently sent, will be replaced if the Number of the specimen is quoted.

SEEDS. In the case of SEEDS the date of collection will invariably be stated on the packet. Beyond this and due precautions as regards gathering, labelling true to name, and packing, I can give no guarantee as to germination, once the seeds have left my hands. There are too many uncertain factors, such as conditions of transport, temperature, depth of planting, soils etc. Seeds can only be sent at Consignee's risk. In the event however of receiving notification of failure of crop, I am prepared whenever it may be possible to re-collect such seed on a future occasion, to replace the same at half the original cost, if Clients so desire.

Clients must bear in mind, in the case of Seeds, that they are not ordering from a Nursery Garden; that the seeds of many of the Flora listed in this Catalogue may be only obtainable months after I have received their order for them, when I am lucky enough to come upon the plants in fruit. In the case of certain rare plants I may never have this good fortune. In the case of others bush fires, predatory animals and other causes may render their collection extremely difficult and uncertain.

PRICES

HERBARIUM MATERIAL. Subscribers to the General Collection of FLORA receive everything I collect, including Grasses, Ferns, Hard-wooded Trees, Shrubs and Vines. Also Musci and Fungi if they so desire. The Price to these Subscribers is 15 cents per specimen. The specimens are sent out in PARCELS of 50 to 100 plants when a sufficient number have been collected to make up the parcels.

Subscribers wishing to limit their purchases may do so in several ways. For instance they may instruct me to send all specimens of a certain class, such as Hard-wooded Trees, Shrubs and Vines only. In this case the charge will be 20 cents per specimen. If wanting all specimens of one particular Order, or Family only, Price will be 25 cents per specimen. If specimens are to be inclusive of a single Genus only, 30 cents per specimen. Purchasers wishing to select particular specimens from the General Collection may do so at a charge of 40 cents per specimen; but such specimens may not include Species Nova, the price for which in every case being \$1.00 each.

MARINE ALGAE. Bulky specimens such as Sargassum, Turbinaria and the calcareous forms in ordinary newspaper folders 25 cents per specimen.

All the gelatinous forms, mounted on Bristol Board (size to suit purchaser) 40 cents per specimen.

Botanists who wish to monograph a Genus, and require more ample material for study, can be supplied with specimen in folder, with descriptive Herbarium label, with the addition of flowers and root tips and sections in preservative at 50 cents per specimen.

All Correspondence to be addressed

William A. Schipp
c/o Dr. C. S. Harwood
Stann Creek

British Honduras.

Clients are requested whenever possible to remit money in the form of Bank Drafts.

THALLOPHYTA

(Marine Algae)

CHLOROPHYCEAE

ULOTRICHALES

ULVACEAE

Bristol Board. Paper Folders.

\$.C

A.10	Ulva	fasciata Delile.	-	-	-	-	.40
15	Enteromorpha	tubulosa Kg.	-	-	-	-	.40
53	- - - -	lingulata J.Ag.	-	-	-	-	.40

SIPHONOCLADIALES

CLADOPHORACEAE

14	Chaetomorpha	brachygona Harv.	-	-	-	-	.40
8	Cladophora	sp.	-	-	-	-	.40
39	- - - -	fascicularis (Mert.) Kuetz.	-	-	-	-	.40
20	Cladophoropsis	membranaceae Borg.	-	-	-	-	.40

DASYCLADACEAE

25	Acetabulum	crenulatum (Lamx.) Kuntze.	-	-	-	-	.25
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VALONIACEAE

9	Valonia	aegagrophila C.Ag.	-	-	-	-	.40
48	Anadyomene	stellata (Wulf.) Ag.	-	-	-	-	.40

SIPHONALES

CODIACEAE

37	Avrainvillea	longicaulis (Hg.) Murr. et Boodle.					.40
1	Halimeda	opuntia (L.) Lamx.	-	-	-	-	.25
36	- - -	tridens (E. et S.) Lamx.	-	-	-	-	.25
34	- - -	monile (E. et S.) Lamx.	-	-	-	-	.25
35	- - -	simulans Howe.	-	-	-	-	.25
32	Penicillus	dumetosus (Lamx.) Blainv.	-	-	-	-	.25
33	- - - -	capitatus Lamk.	-	-	-	-	.25
21	Udotea	flabellum (E. et S.) Howe.	-	-	-	-	.25

CAULERPACEAE

41A	Caulerpa	sertularioides (Gmel.) Howe.	-				.40
41B	- - -	taxifolia (Vahl.) Ag.	-	-	-	-	.40

CHARACEAE Stoneworts.

S-408	Chara	sp.	-	-	-	-	.15
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PHAEOPHYCEAE

DICTYOTALES

DICTYOTACEAE

7	Dictyota	cervicornis Kuetz.	-	-	-	-	.25
47	- - -	divaricata Lamx.	-	-	-	-	.25

FUCALES

FUCACEAE

Bristol Board. Folders.

19	Sargassum	vulgare C.Ag.	- - -	\$.C .25
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RHO DOPHYCEAE

CHAETANGIACEAE

29 Galaxaura squalida Kjellm. - - - - ,25

SPHAEROCOCCACEAE

12	Hypnea	cornuta (Lamx.)J.Ag.	-	-	-	.40
42	-	musciiformis (Wulf.)Lamx.	-	-	-	.40
45	-	cervicornis J.Ag.	-	-	-	.40
5	Gracilaria	lacinulata (Vahl.)Howe.	-	-	-	.40
30	-	confervoides (L.)Grev.	-	-	-	.40
49	-	manillaris (Mont.)Howe.	-	-	-	.40
24	-	cornea J.Ag.	-	-	-	.40

RHO DOMELACEAE

11	<i>Acanthophora</i>	<i>muscoides</i> (L.) Bory.	-	-	-	-	.40
18	<i>Dasya</i>	<i>sp.</i>	-	-	-	-	.40
31	<i>Digenia</i>	<i>simplex</i> (wulf.) Ag.	-	-	-	-	.40
46	<i>Heterosiphonia</i>	<i>Gibbesii</i> (Haw.) Falk.	-	-	-	-	.40
28	<i>Laurencia</i>	<i>papillosa</i> (Forsk.) Grev.	-	-	-	-	.40
44	- - - -	<i>obtusa</i> (Huds.) Lamx.	-	-	-	-	.40
50	<i>Polysiphonia</i>	<i>gorgoniae</i> Harv.	-	-	-	-	.40

GERANIACEAE

52 Centroceras	clavulatum Mont.	-	-	-	-	.40
51 Spyridia	filamentosa (wulf.) Harv.	-	-	-	-	.40

GRATELOUPIACEAE

43	Grateloupia	filicina (Wulf.) C. Ag.	-	-	-	.40
13	Halymenia	floresia (Clem.) C. Ag.	-	-	-	.40

CORALLINACEAE

26	Amphiroa	rigida Lamx, var. antillana Borg.	-	-	-	.25
27	- - -	fragilissima (L.) Lamx.	-	-	-	.25
40	Corallina	cubensis (Mont.) Kg.	-	-	-	.25

BRYOPHYTA

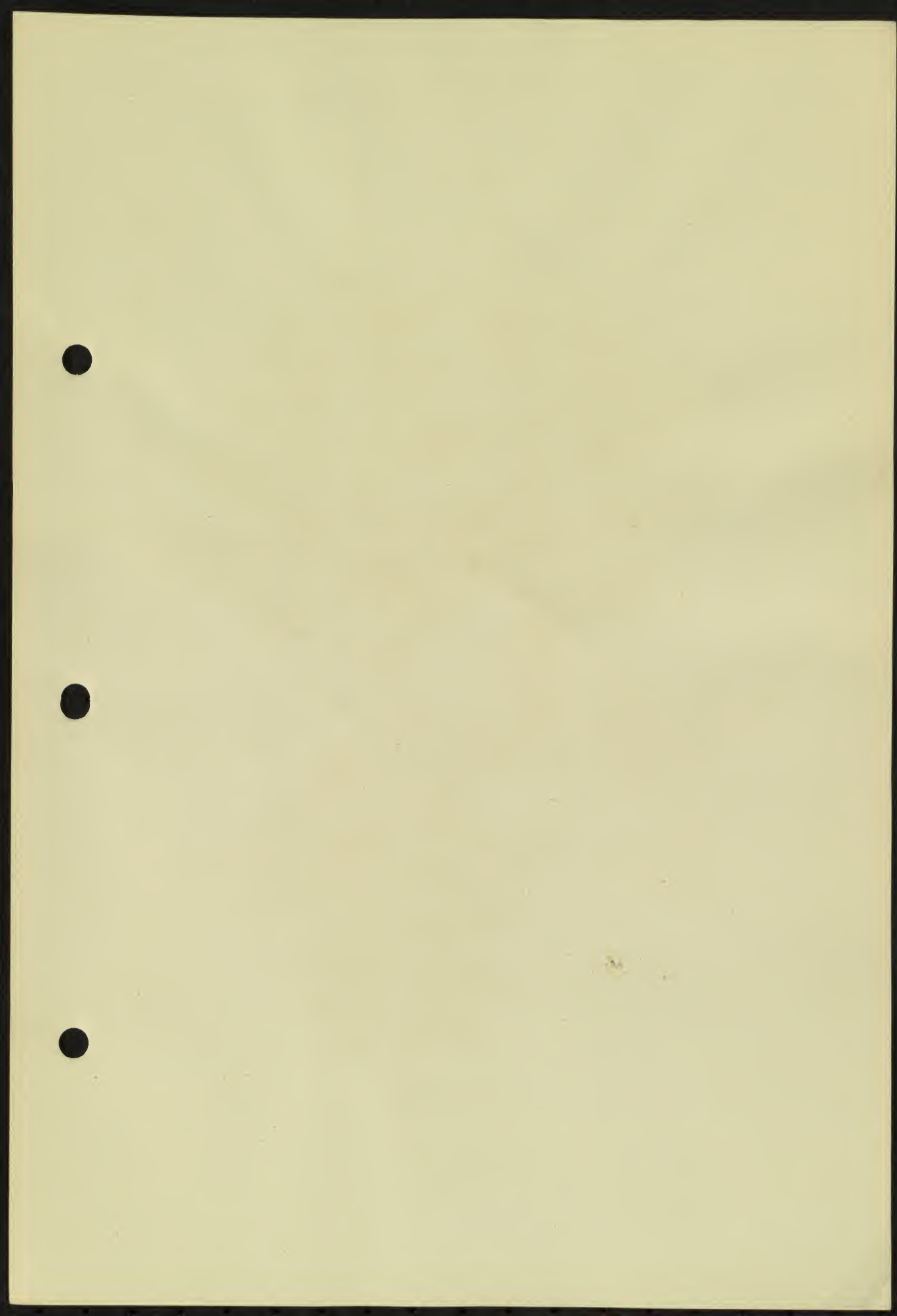
(Musci)

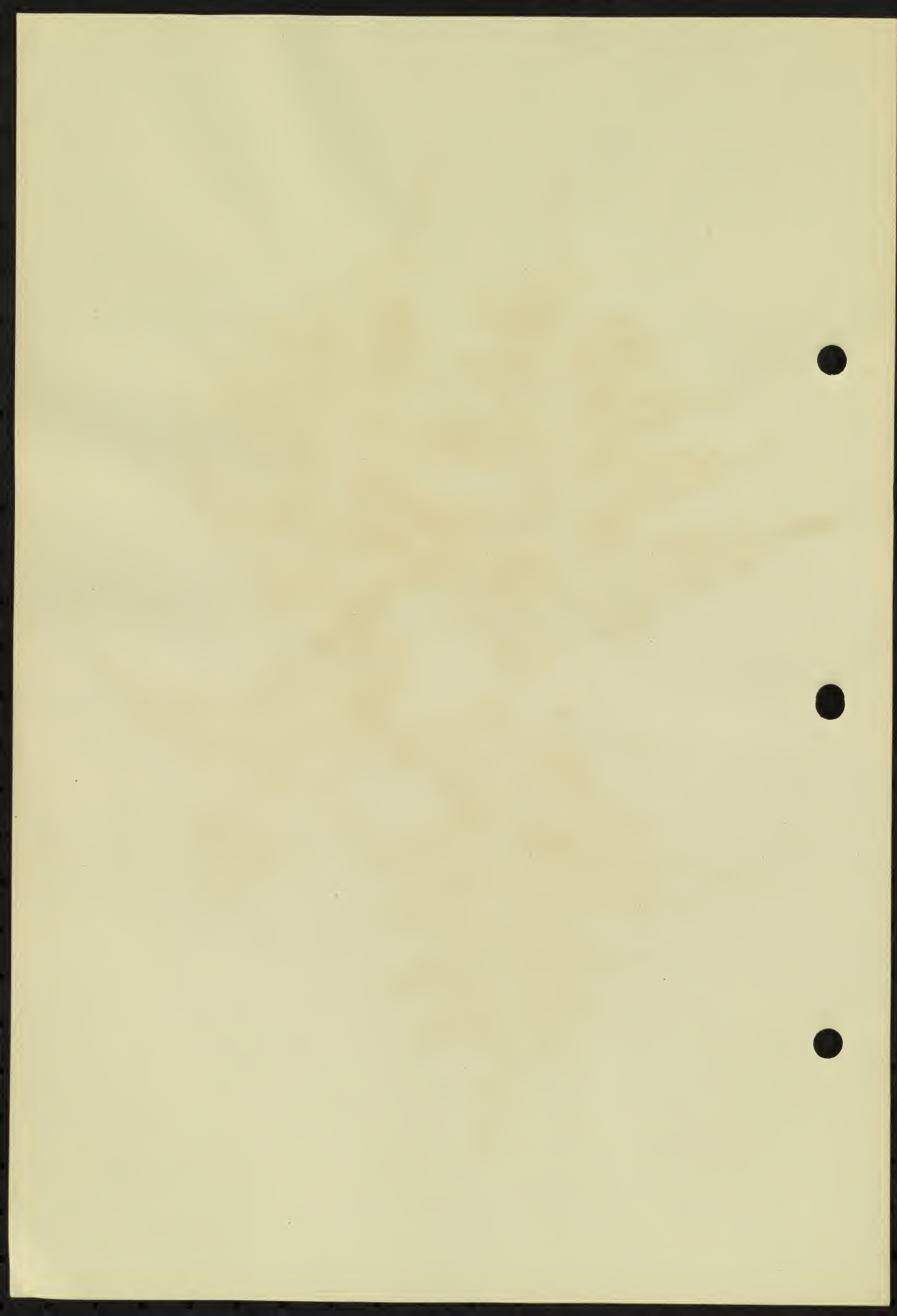
SPHAGNALES

S-100 Sphagnum erythrocalyx Hampe. - - - .15

BRYALES

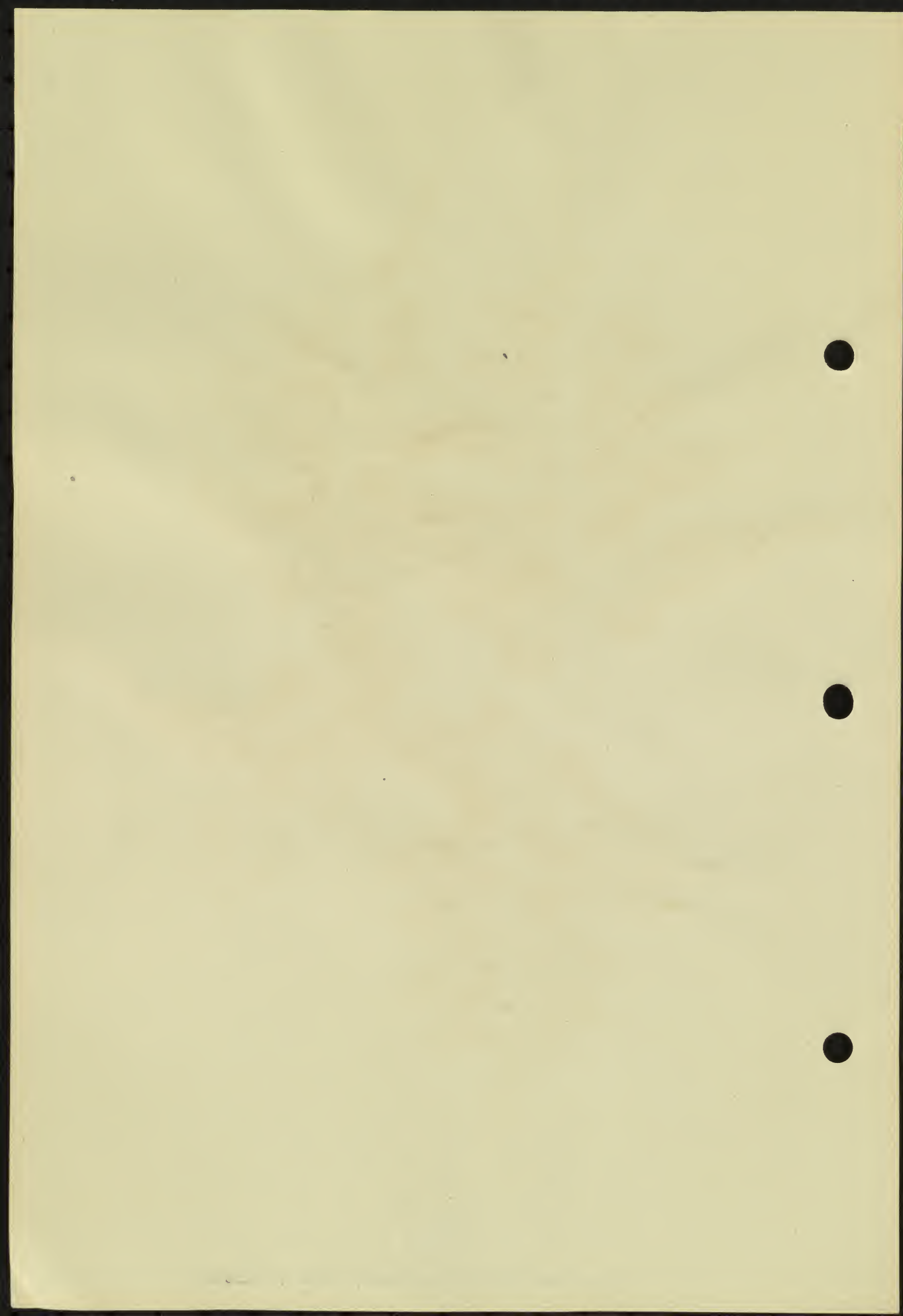
S-161 *Ortoblepharum albidum* (L.) Hedw. - - - .15







Lygodium polymorphum (Cav.) HBK. (Filices.)



PTERIDOPHYTA
EUPTERIDOPHYTA
FILICALES LEPTOSPORANGIATAE
EUFILICALES

			Packet \$.C
HYMENOPHYLLACEAE. Filmy-Fern Family.			
314	Hymenophyllum	polyanthos Hook.	.25
S-117	- - - - -	sp.	.50
S-21	Trichomanes	Ankersii Hook.	.25
S-12	- - - - -	pinnatum Hedw.	.25
S-108	- - - - -	membranaceum L.	.25
324	- - - - -	Hookerii Presl.	.25
364	- - - - -	Martinezii Rovirosa.	.25
237	- - - - -	diversifrons (Bory.) Matt.	.25
482	- - - - -	Galeottii Fourn.	.25
S-83	- - - - -	polypodioides L.	.25
CYATHEACEAE. Cyathea Family.			
89	Alsophila	blechnoides (Rich.) Hook.	.50
191	- - - - -	myosuroides Liebm.	.50
POLYPODIACEAE. Polypody Family.			
S-272	Aspidium	trifoliatum (L.) Sw.	.25
520	Dryopteris	Sprengelii (Kaulf.) Kunze.	.25
362	- - - - -	glandulosa var. brachyodus (Kunze.) C. Chr.	.25
276	- - - - -	equestris (Kunze.) C. Chr.	.50
83	- - - - -	obliterata (Sw.) C. Chr.	.25
97	- - - - -	falcata (Liebm.) C. Chr.	.25
926	- - - - -	struthiopteroides C. Chr.	.50
394	Nephrolepis	biserrata (Sw.) Schott.	.25
S-28	Lindsaya	stricta (Sw.) Dry.	.25
200	- - - - -	horizontalis Hook.	.25
100	- - - - -	falcata Dry.	.25
50	Asplenium	cristatum Lam.	.50
211	- - - - -	Palmeri Maxon.	.50
S-274	- - - - -	abscissum Willd.	.25
S-273	- - - - -	dentatum L.	.25
S-277	- - - - -	semicordatum Raddi	.25
S-52	Hemidictyum	marginatum (L.) Presl.	.50
162	Blechnum	occidentale L.	.25
409	- - - - -	serrulatum Rich.	.25
S-84	Stenochlaena	recurvata (Fee.) Liebm.	.50
111	Pityrogramma	calomelaena (L.) Link.	.25
S-48	Adiantum	wilsoni Hook.	.50
S-276	- - - - -	tetraphyllum Willd.	.25
340	- - - - -	macrophyllum Sw.	.50

		Packet \$.C
241	Adiantum pulverulentum L.	.25
275 - - -	obliquum Willd.	.25
48 - - -	Wilesianum Hook.	.50
77 - - -	latifolium Lam.	.25
S-18 - - -	sp.	.50
96	Pteris kunzeana Agardh.	.25
289 - - -	pungens Willd.	.25
428 - - -	longifolia L.	.25
190	Pteridium caudatum (L.) Maxon.	.25
258	Hypolepis sp.	.50
250	Hemionitis palmata L.	.25
S-69	Anetium citrifolium (L.) Splitz.	.25
47	Polypodium lycopodioides L. var.	.25
88 - - - -	crassifolium L.	.25
349 - - - -	polypodioides (L.) Watt.	.25
S-46 - - - -	latum (Moore.) Sad.	.25
210 - - - -	ciliatum Willd.	.25
213 - - - -	duale Maxon.	.25
233 - - - -	percussum Cav.	.25
S-80 - - - -	brasiliense Poir.	.50
S-265 - - - -	taxifolium L.	.50
923 - - - -	mexicanum Feé	.25
273	Polybotrya villosula Christ.	.50
343	Acrostichum aureum L.	.25
402	Olfersia cervina (L.) Kunze.	.50
S-268	Elaphoglossum longifolium (Jacq.) J. Sm.	.50
406	Didymochlaena truncatula (Sw.) J. Sm.	.50
272	Tectaria martinicensis (Spreng.) Copel.	.50
465 - - -	plantaginea (Jacq.) Maxon.	.50
S-66 - - -	sp.	.50
49	Diplazium delitescens Maxon.	.50
526	Leptochilus cladonizans (Spreng.) Maxon.	.25
228	Dictyoxiphium panamense Hook.	.25
S-269	Vittaria angustifolia (Sw.) Bak.	.25
153 - - -	lineata (L.) Sm.	.25
S-270	Monogramma linearifolia Desv.	.25
90	Saccoloma elegans Kaulf.	.25
315 - - -	inaequale (Kunze.) Mett.	.50

GLEICHENIACEAE. Gleichenia Family

350	Dicranopteris pectinata (Willd.) Underw.	.50
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SCHIZACEAE. Curly-Grass Family.

S-15	Lygodium volubile Sw.	.50
328 - - -	polymorphum (Cav.) HBK.	.50

S-3	Lophidium	elegans (Vahl.) Presl.	\$.50
366	Anemia	pastnacara Moritz.	.50
SALVINIACEAE. Salvinia Family.			
157	Salvinia	auriculata Aubl.	.25
FILICALES EUSPORANGIATAE			
OPHIOGLOSSALES			
OPHIOGLOSSACEAE. Adders-Tongue Family.			
S-268	Ophioglossum	macrorrhizum Kze.	.25
MARATTIALES			
MARATTIACEAE. Marattia Family.			
422	Danaea	nodosa (L.) J.E. Sm.	.50
355	- - -	elliptica J.E. Sm.	.50
HETEROPTERIDOPHYTA			
LYCOPODIALES			
LYCOPODIACEAE. Club-Moss Family.			
S-11	Lycopodium	linifolium L.	.50
234	- - -	cernuum L.	.25
578	- - -	carolinianum L.	.25
S-261	Psilotum	triquetrum Sw.	.25
SELAGINELLALES			
SELAGINELLACEAE. Selaginella Family.			
99	Selaginella	cuspidata Link.	.25
51	- - -	umbrosa Lem.	.25
52	- - -	Galeottii Spreng.	.25
SPERMATOPHYTA			
(PHANEROGAMIA)			
GYMNOSPERMAE			
CYCADALES			
CYCADACEAE. Cycas Family.			
S-1	Zamia	furfuracea L.f.	100 seeds 4 .00
S-568	- -	sp.	5 .00
CONIFERALES			
TAXACEAE. Yew Family.			
441	Podocarpus	guatemalensis Standl.	1.00
PINACEAE. Pine Family.			
386	Pinus	caribaea Morelet.	1.00

ANGIOSPERMAE
MONOCOTYLEDONEAE
PANDANALES

TYPHACEAE. Bull-Rush Family.

Pocket
\$.10

Typha sp.

HELOBIAE

NAIADACEAE. Pondweed Family.

991 Naias guadalupensis (Spreng.) Morong. .25

ALISMACEAE. Water-Plantain Family.

721 Sagittaria lancifolia L. .50

GLUMIFLORAE

ANDROPOGONACEAE. Grass Family.

654 Andropogon bicornis L. .10

897 Ischaemum latifolium (Spreng.) Kunth. .10

ZOYSIACEAE

898 Anthephora hermaphrodite (L.) O.Ktze. .10

TRISTEGINACEAE

983 Arundinella Berteroniana (Schult.) Hitchc. et Chase. .10

791 - - - Deppeana Nees. .10

PANICACEAE

893 Cenchrus echinatus L. .10

899 Digitaria horizontalis Willd. .10

793 Leptocoryphium lanatum (Kunth.) Nees. .10

783 Oplismenus Burmannii (Retz.) Beauv. .10

784 Ichnanthus pallens (Sw.) Munro. .10

775 - - - tenuis Hitchc. et Chase. .10

884 Panicum pulchellum Raddi. .10

905 - - - laxum Sw. .10

374 - - - fasciculatum Sw. .10

785 Lasiacis procerrima (Hack.) Hitchc. .10

332 - - - divaricata (L.) Hitchc. .10

895 Paspalum conjugatum Berg. .10

883 - - - virgatus L. .10

501 Stenotaphrum secundatum (Walt.) Kuntze. .10

531 Olyra latifolia L. .10

ORYZACEAE. Rice Family.

912 Leersia hexandra Sw. .10

889 Oryza latifolia Desv. .10

AGROSTIDACEAE

- 892 *Aristida* *amazonica* Vasey. .10

FESTUCACEAE

- 511 *Phragmites* *communis* Trin. .25
 788 *Eragrostis* *maypurensis* (Kunth.) Steud. .10
 907 - - - *lugens* Nees. .10
 888 - - - *ciliaris* (L.) Lk. .10
 894 - - - sp. .10

CHLORIDACEAE

- 787 *Gymnopogon* *spicatus* (Spreng.) O.Ktze. .10
 886 *Leptochloa* *virgata* (L.) Beauv. .10

CYPERACEAE

- 919 *Bulbostylis* *vapillaris* (L.) Kunth. .10
 906 *Cyperus* *haspan* L. sub.sp. *junovides* Lam. .10
 921 - - - *articulatus* L. .25
 922 - - - *surinamensis* Rottb. forma *formosus* Vahl. .10
 908 - - - *polystachyus* Rottb. forma *paniculatus* Vahl. .10
 920 - - - *polystachyus* Rottb. forma *holosericeus* (L.) Clarke. .10
 361 - - - *ferax* Rich. .10
 107 - - - *lazulae* (L.) Retz. .10
 902 *Mariscus* *rufus* HBK. .10
 589 - - - *jamaicensis* (Crantz.) Britton. .10
 781 *Fuirena* *umbellata* Rottb. .10
 192 *Eleocharis* *retroflexa* (Poir.) Urban. .10
 903 *Fimbristylis* *autumnalis* (L.) R. et S. .10
 904 - - - *autumnalis* (L.) R. et S. var. *complanata* Retz. .10
 615 - - - *spadicea* (L.) Vahl. .10
 913 *Eleocharis* *caribaea* (Rottb.) Blake. .10
 786 - - - *mutata* (L.) R. Br. .10
 382 *Kyllingia* *peruviana* Lam. .10
 789 *Rhynchospora* *triflora* Vahl. .10
 901 - - - *distans* (Michx.) Vahl. .10
 790 - - - *cyperoides* Mart. .10
 910 - - - *barbata* (Vahl.) Kunth. .10
 109 - - - *cephalotes* Vahl. .10
 914 - - - *corymbosa* (L.) Britton. .10
 891 *Scleria* *melaleuca* Schl. et Cham. .10
 887 - - *mitis* Berg. .10
 110 *Hypolytrum* *nicaraguense* Liebm. .10
 106 *Calyptracarya* *glomerulata* (Brong.) Urban. .10
 108 *Dicnromena* *radicans* S. et C. .10
Remirea *maritima* Aubl. .10

PRINCIPES

PALMAE. Palm Family.

		Seeds Per 100
94	Geonoma longepetiolata Oerst.	\$ 2.00
397 - - -	binervia Oerst.	2.00
S-512	Calypstrogyne Donnell-Smithii (Dammier.) Burret.	2.00
92	Chamaedorea Ernesti-Augusti Wendl.	3.00
S-514 - - - -	geonomiformis Wendl.	3.00
S-515 - - - -	Arenbergiana Wendl.	2.00
392	Asterogyne Martiana Wendl.	3.00
S-369	Reinhardtia gracilior Burret., sp. nov.	5.00
S-370 - - - -	latisecta (Wendl.) Burret., comb. nov.	2.00
S-439	Orbignya cohune (Mart.) Dahlgren.	1.00
662	Acrocomia vinifera Oerst.	1.00
S-441	Astrocaryum mexicanum Liebm.	1.00
S-368	Bactris tricaophylla Burret., sp. nov.	2.00
S-367	Schippia concolor Burret., genus. nov. et sp.	8.00
661	Thrinax wendlandiana Becc.	1.00
93	Acocelornaphe wrightii Wendl. var. hondurensis Becc.	1.00
S-443	Sabal mauritiiiformis (Karst.) Gris. et Wendl.	1.00
S-442	Acantorrhiza warscewiczii Wendl.	2.00
300	Synechanthus fibrosus Wendl.	1.00
S-513	Manicaria saccifera Gaertn.	2.00

SYNANTHAE

CYCLANTHACEAE. Cyclanthus Family.

		Packet
S-8	Carludovica utilis (Oerst.) B. et H.	.75
S-516 - - - -	palmata R. et P.	.50

SPATHIFLORAE

ARACEAE

78	Anthurium scandens (Aubl.) Engl.	.50
S-16 - - - -	scolopendrinum (Lam.) Kunth.	.50
S-279 - - - -	aemulum Schott.	.75
S-177 - - - -	concinatum Schott.	.50
S-192 - - - -	myosuroides (HBK.) Wendl.	.75
S-402 - - - -	crassinervium (Jacq.) Schott.	.75
252	Spathiphyllum phrynifolium Schott.	.50
S-126	Monstera acuminata Koch.	.75
S-386	Dieffenbachia seguina (L.) Schott.	.25
545	Philodendron belizensis Standl., sp. nov.	1.00
S-74 - - - -	guttiferum Kunth.	.50
S-9 - - - -	panamensis Krause.	.75
S-292 - - - -	tripartitum (Jacq.) Schott.	.50
S-304 - - - -	oxycardium Schott.	.50

		Packet
		\$.C
		.10
MAYACACEAE		
FARINOSAE		
S-137	Mayaca Aubletii Michx.	
XYRIDACEAE. Xyris Family		
S-131	Xyris subnavicularis Malme.	.10
550 - - -	jupicai Rich.	.10
BROMELIACEAE. Pineapple Family		
98	Aechmea bracteata (Sw.) Mez.	.50
S-511 - - -	nudicaulis Griseb.	.50
456	Pitcainia Hemsleyana Mez.	.50
S-22	Vriesia disticha (L.) Standl.	.50
S-189 - - -	paniculata (L.) Mez.	.50
S-82 - - -	Schippii L.B.Smith., sp. nov.	.75
S-132	Catopsis Berteroniana (Schult.) Mez.	.50
1042 - - -	nitida (Hook.) Griseb.	.25
S-104	Tillandsia filifolia C.et S.	.50
390 - - -	digitata Mey.	.50
S-10 - - -	streptaphylla Schiedw.	.75
S-53 - - -	Balbisiana Schott.	.50
133 - - -	juncosa Le.Conte.	.50
114 - - -	bulbosa Hook.	.25
S-455 - - -	vestita Cham.et Schil.	.50
S-82	Guzmania nicaraguensis Mey.et Baker.	.50
COMMELINACEAE. Spiderwort Family		
1099	Rhoeo discolor (L'Hér.) Hance.	.50
746	Commelina elegans HBK.	.10
1089	Campelia zanonii (L.) HBK.	.10
1125	Dichorisandra hexandra (Aubl.) Standl.	.50
934	Neodonnellia grandiflora (Donn.Sm.) Rose.	.75
515	Tradescantia cumanaensis Kunth.	.10
1121 - - -	sp.	.10
1087 - - -	geniculata Jacq.	.10
PONTEDERIACEAE. Pickerel-weed Family		
119	Pontederia cordata L.	.50
955 - - -	lanceolata Nutt.	.50
499	Eichornia crassipes (Mart.) Solms.	.50

LILIFLORAE

Packet

LILIACEAE. Lily Family

\$.0

1012	Dracaena	americana Donn. Sm.	.50
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SMILACACEAE. Sarsaparilla Family

S-487	Smilax	ornata Lem.	.50
509	- - -	mexicana Griseb.	.50
580	- - -	tomentosa HBK.	.50
836	- - -	domingensis Willd.	.50
1059	- - -	mollis Willd.	.50

HAEMODORACEAE. Bloodroot Family

207	Xiphidium	caueruleum Aubl.	.50
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AMARYLLIDACEAE. Amaryllis Family

739	Curculigo	scorzonerifolia (Lam.) Baker.	.10
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DIOSCOREACEAE. Yam Family

675	Dioscorea	spiculifera Hemsl.	.25
1135	- - -	polygonoides Humb.et Bonpl.	.25
860	- - -	macrostachya Benth.	.25
S-290	- - -	convolvulacea Cham.et Schil.	.25
S-410	- - -	esurientium Uline.	.25

IRIDACEAE. Iris Family

552	Nemastylis	Bequaertii Standl.	.50
651	Cipura	paludosa Aubl.	.50

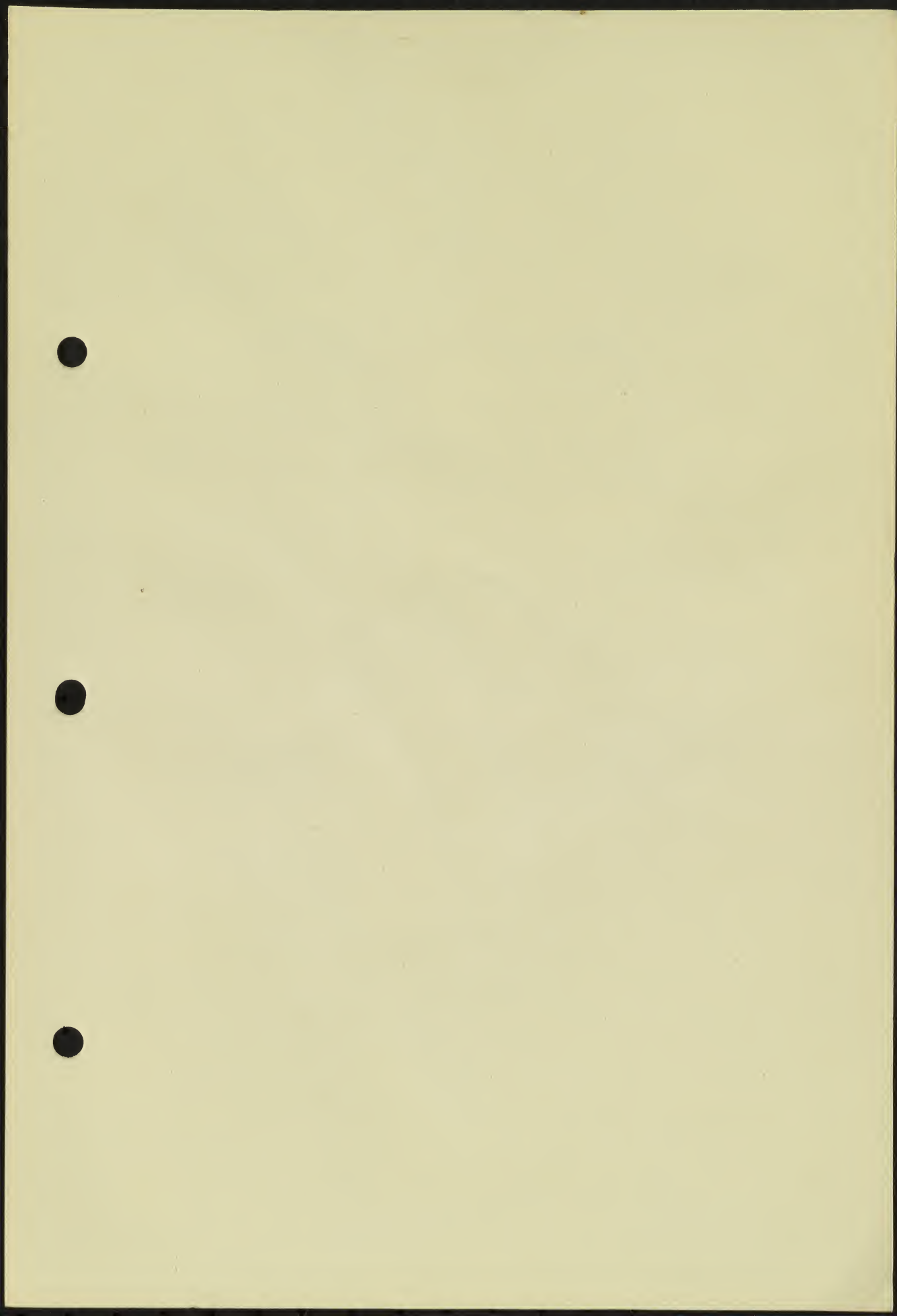
SCITAMINEAE

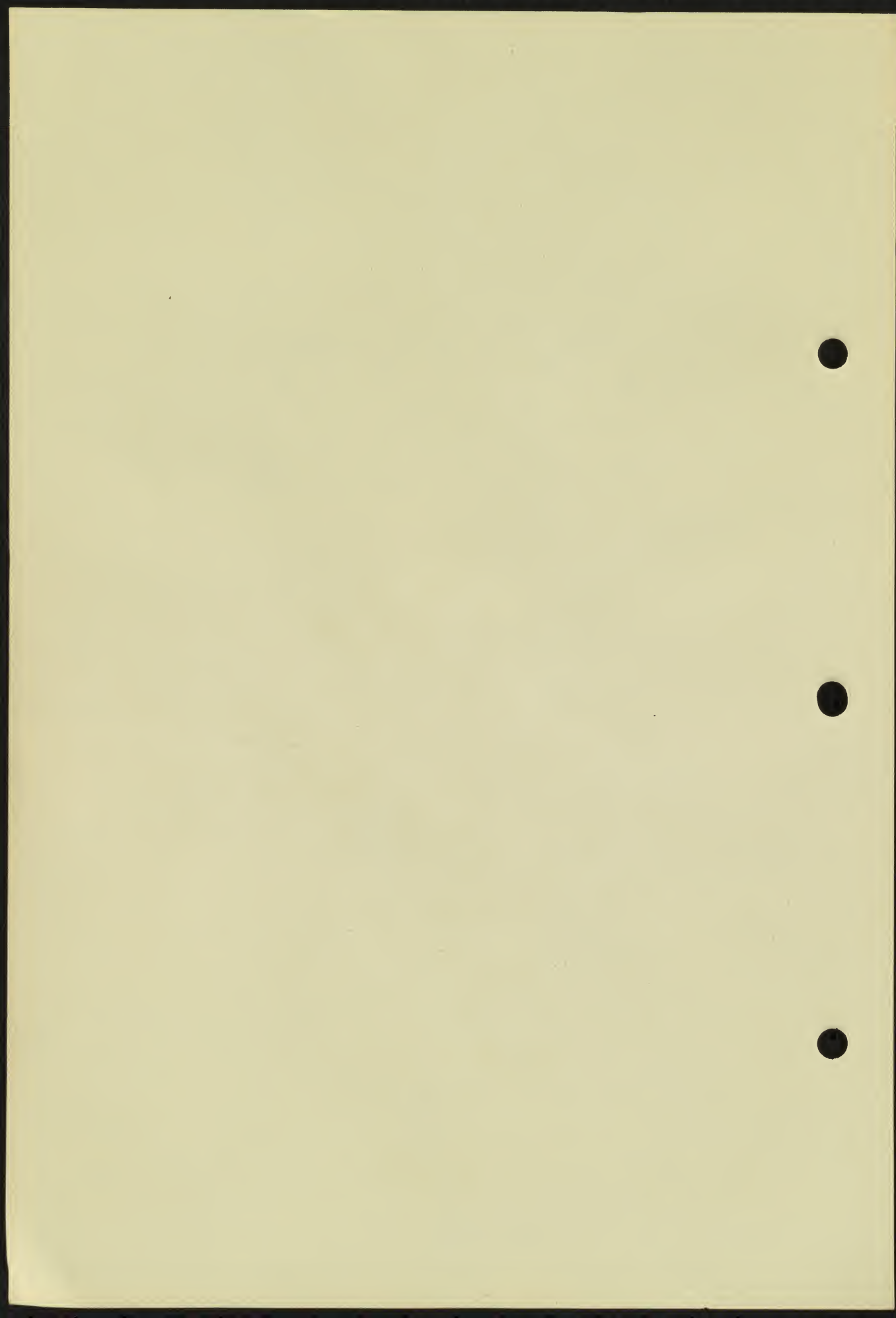
MUSACEAE. Banana Family

1112	Heliconia	aurantiaca Ghiesb.	.50
329	- - -	marginata (Griggs.) Standl.	.50
375	- - -	pendula Wawra.	1.00
835	- - -	hirsuta L.f.var Cannoidea (Rich.) Baker.	.75
979	- - -	Champneiana Griggs.	.50
S-413	- - -	Mariae Hook.	1.00
S-414	- - -	Bihai L.	.75
357	- - -	acuminata Rich.	.50

ZINGIBERACEAE. Ginger Family

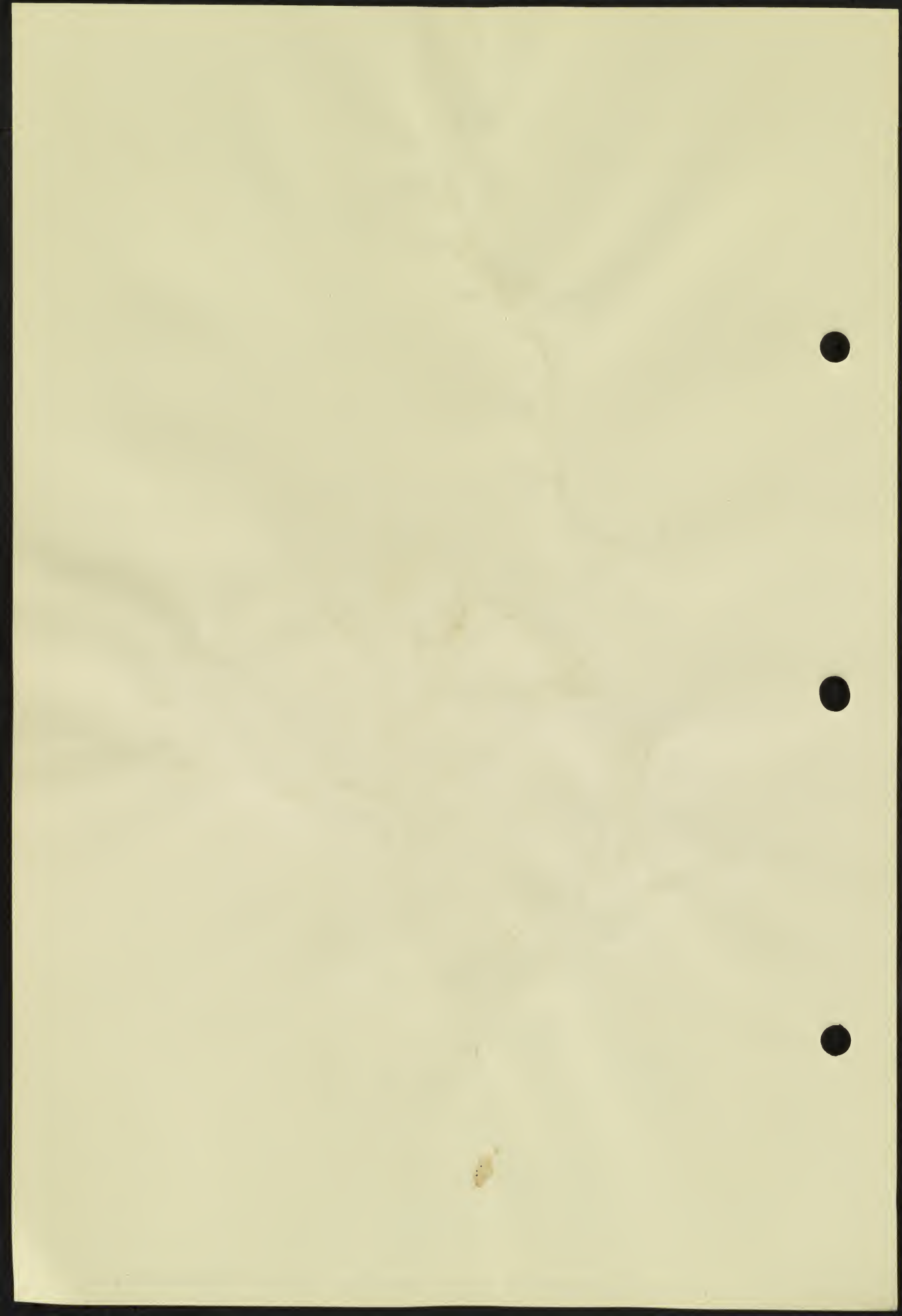
262	Costus	spicatus (Jacq.) Sw.	.50
416	- - -	villosissimum Jacq.	.75







Najas guadalupensis (Spreng.) Morong. (Naiadaceae.)



321 Renealmia aromatica (Aubl.) Griseb.

\$.C
.25

CANNACEAE. Canna Family

927 Canna edulis Ker. .25
S-469 - - - indica L. .10

MARANTACEAE. Arrowroot Family

253 Calathea albicans Brongn. .25
95 - - - lutea (Aubl.) Mey. .75
370 - - - macrosepala Schum. .50
331 - - - sp. .50
420 Thalia geniculata L. .75
587 Maranta arundinacea L. .25
1048 Pleiostachya pruinosa (Regel.) Schum. .50
305 Myrosma guapilensis Willd. .50

BURMANNIACEAE. Burmannia Family

634 Burmannia capitata L. .25
481 Dictyostegia campanulata Karst. .25
S-508 Gymnosiphon tenellus (Benth.) Urban. .25

MICROSPERMAE

ORCHIDACEAE. Orchid Family

655 Habenaria repens Nutt. .10
605 - - - mesodactyla Griseb. .10
S-155 - - - odontopetala R. f. .25
S-98 Spiranthes graminea Ldl. .10
779 Stenorhynchus squamulosus Fawc.et Rendle. .25
778 - - - lanceolatus Fawc.et Rendle. .25
S-261 Physurus purpurens Ames. .10
590 Galeandra Batemannii Rolfe. .25
S-86 Polystachya minor Fawc.et Rendle. .10
S-73 - - - luteola Hook. .10
S-75 Isochilus linearis R.Br. .10
776 - - - sp. .10
S-96 Epidendrum floribundum HBK. .25
S-271 - - - cochleatum L. .25
915 - - - nocturnum Jacq. .25

		Packet
S-97 Schomburgkia	tibicina Bateman.	\$.C .25
623 Brassavola	nodosa Lindl.	.25
S-226 Sobralia	fragrans Lindl.	.25
S-102 Masdevallia	tubuliflora Ames.	.25
918 Pleurothallis	marginata Lindl.	.25
S-156 Scaphyglottis	cuneata Schltr.	.25
S-82 Bletia	alta (L.) Hitchc.	.25
S-171 Eulophia	longifolia (Kunth.) Schltr.	.25
S-160 Catasetum	integerrimum Hook.	.25
S-138 Maxillaria	variabilis Batem.	.25
S-276 - - -	Macleei Batem.	.25
971 Lonopsis	utricularioides Lindl.	.25
S-79 Oncidium	pusillum (L.) Reichenb.	.25
780 - - -	sp.	.25
S-81 Hormidium	tripterum (Brongn.) Cogn.	.25
S-76 Dichaea	sp. aff. D. Tuerckheimii Schlecht.	.25

DICOTYLEDONEAE

PIPERALES

PIPERACEAE, Pepper Family

454 Piper	auritum HBK.	.25
477 - - -	Donnell-Smithii C. DC.	.25
S-476 - - -	micoense Trel.	.25
225 - - -	gracillimum Trel.	.50
S-452 - - -	atrichopus Trel.	.25
4 - - -	multinervium Trel.	.25
S-478 - - -	peltatum L.	.25
316 - - -	Schippianus Trel., sp. nov.	.50
S-479 - - -	umbellatum L.	.25
286 - - -	middlesexense Trel., sp. nov.	.50
S-504 - - -	hispidisepalum Trel.	.25
532 - - -	patulum Bertol.	.25
S-506 - - -	yucatanense C. DC.	.25
437 - - -	Tuerckheimii C. DC.	.25
1085 - - -	Stevensonii Trel.	.25
1005 - - -	sp.	.25

1006	Piper	Lundellii Trel.	.50
S-60	Peperomia	glanulosa Trel.	.25
S-491	- - -	pellucida (L.) HBK.	.25
451	- - -	Gollii Trel.	.25
1134	- - -	chucanebana Trel.	.25
S-109	- - -	rotundifolia (L.) HBK.	.25
1062	- - -	sp.	.25
1067	- - -	sp.	.25
1100	- - -	sp.	.25

LACISTEMACEAE. Lacistema Family

32	Lacistema	aggregatum (Berg.) Rusby.	.50
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MYRICALES

MYRICACEAE. Sweet Gale Family

562	Myrica	cerifera L.	.50
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FAGALES

FAGACEAE. Beech Family

663	Quercus	parviglans Trel.	.50
672	- - -	oleoides C. et S.	.50
209	- - -	oleoides C. et S. var. australis Trel.	.50

URTICALES

ULMACEAE. Elm Family

439	Trema	micrantha (L.) Blume.	.50
436	Celtis	iguanaea (Jacq.) Sarg.	.50

MORACEAE. Mulberry Family

341	Cecropia	mexicana Hemsl.	.50
S-127	Pourouma	aspera Trecul.	.50
517	Ficus	colubrinae Standl.	.50
533	- - -	costaricana (Liebm.) Miq.	.50
243	- - -	glabrata HBK.	.50
744	- - -	Hemsleyana Standl.	.50
136	- - -	Oerstediana Miq.	.50
149	- - -	panamensis Standl.	.50

		\$.C
398 Ficus	radula Willd.	.50
334 - - -	Schippii Standl., sp. nov.	.75
389 - - -	Williamsii Standl.	.50
989 - - -	padifolia HBK.	.50
993 - - -	lapathifolia (Liebm.) Miq.	.50
1008 - - -	Popencei Standl.	.50
1011 - - -	involuta (Liebm.) Miq.	.50
1022 - - -	laevigata Vahl.	.50
1035 - - -	Tuerckheimii Standl.	.50
1050 - - -	Donnell-Smithii Standl.	.50
1094 Piratinera	Schippii Standl., sp. nov.	1.00
522 Brosimum	terrabanum Pittier.	.75
1010 Trophis	racemosa (L.) Urban.	.50
1155 Poulsenia	armata (Miq.) Standl.	.50
999 Coussapoa	oligocephala Donn.Sm.	.50

URTICACEAE. Nettle Family

518 Pilea	pubescens Liebm.	.10
977 - - -	microphylla (L.) Liebm.	.10
807 Fleurya	aestuans (L.) Gaud.	.10
S-111 Urera	baccifera (L.) Gaud.	.10
400 - - -	elata (Sw.) Griseb.	.50
869 Myriocarpa	obovata Donn.Sm.	.50
1033 - - -	heterostachya Donn.Sm.	.50
S-472 - - -	yzabalensis (Donn.Sm.) Killip.	.50

SANTALES

LORANTHACEAE. Mistletoe Family.

307 Phoradendron	robustissimum Eichl.	.25
62 - - -	piperoides (HBK.) Trel.	.25
7 Struthanthus	cassythoides Millsp.	.25
1015 Phthirusa	pyrifolia (HBK.) Eichl.	.25
1039 Psittacanthus	calyculatus (DC.) Don.	.25

OLACACEAE. Olax Family

970 Heisteria	Chippiana Standl., sp. nov.	1.00
512 Ximenia	americana L.	.50

BALANOPHORACEAE

1129	Helosis	mexicana Liebm.	.50
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ARISTOLOCHIALES

ARISTOLOCHIACEAE. Birthwort Family

S-125	Aristolochia	grandiflora Sw.	.50
384	- - -	maxima L.	.50
75	- - -	Schippii Standl., sp. nov.	.75
956	- - -	pilosa HBK.	.50
S-415	- - -	Chapmaniana Standl.	.50
S-407	- - -	sp.	.75

POLYGONALES

POLYGONACEAE. Buckwheat Family

418	Polygonum	acuminatum HBK.	.10
728	- - -	punctatum Ell.	.10
735	Sphenoclea	zeylanica Gaertn.	.10
453	Coccoloba	Schiediana Lindau.	.50
794	- - -	belizensis Standl.	.50
796	- - -	uvifera (L.) Jacq.	.50

CENTROSPERMAE

AMARANTHACEAE. Amaranth Family

144	Chamissoa	altissima (Jacq.) HBK.	.50
S-484	Amaranthus	gracilis Desv.	.50
877	Cyathula	achyranthoides (HBK.) Moq.	.10
496	Gomphrena	dispersa Standl.	.10
828	Alternanthera	sessilis (L.) R. Br.	.10
60	Pfaffia	Hookeriana (Hemsl.) Greenm.	.50
72	Iresine	celosia L.	.10
865	- - -	nigra Uline. et Bray.	.50
882	Philoxerus	vermicularis (L.) R. Br.	.10

NYCTAGINACEAE. Four-O'clock Family

1130	Pisonia	aculeata L.	.50
160	Torrubia	linearibracteata (Heimerl.) Standl.	.50
196	Neea	psychotrioides Donn. Smith.	.50

		Packet
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1075	Neea acuminatissima Standl.	.50
978	Boerhaavia coccinea Mill.	.10
BATIDACEAE		
588	Batis maritima L.	.10
PHYTOLACCACEAE. Pokeweed Family		
125	Phytolacca rivenoides Kunth. et Bouche.	.25
469	Rivina humilis L.	.25
426	Petiveria alliacea L.	.25
286	Microtea debilis Sw.	.10
AIZOACEAE. Carpetweed Family		
817	Sesuvium portulacastrum L.	.10
BASELLACEAE. Basella Family		
S-34	Boussingaultia leptostachys Moq.	.50
RANALES		
NYMPHACEAE. Water-Lily Family		
640	Nymphaea ampla (Salisb.) DC.	.50
1026	- - - blanda Meyer.	.50
747	Brasenia purpurea Michx.	.50
1136	Cabomba aquatica Aubl.	.50
RANUNCULACEAE. Buttercup Family		
1145	Clematis dioica L.	.50
MENISPERMACEAE. Moonseed Family		
352	Cissampelos tropaeolifolia DC.	.50
S-458	Disciphania coriacea Standl., sp. nov.	1.00
S-390	Hyperbaena nectandrifolia Standl.	.50
ANNONACEAE. Custard-Apple Family		
599	Annona glabra L.	.50
968	- - - testudinea Safford.	.50
298	Guatteria amplifolia Triana. et Planch.	.50
408	Rollinia Jimenezii Safford.	.50
202	Xylopia frutescens Aubl.	.50

		Packet
974	<i>Cymbopetalum penduliflorum</i> (Dunal.) Baill.	1.00
S-400	<i>Unomopsis Pittieri</i> Safford.	.50
960	<i>Desmopsis Schippii</i> Standl., sp. nov.	1.00
1000	<i>Malmea depressa</i> (Baill.) Fries.	.50

MYRISTICACEAE. Nutmeg Family

279	<i>Dialyanthera multiflora</i> Standl., sp. nov.	1.00
475	<i>Virola brachycarpa</i> Standl., sp. nov.	1.00
949 - - -	<i>merendonis</i> Pittier.	.50
126	<i>Compsonura Sprucei</i> (A.DC.) Warb.	.50

MONIMIACEAE. Monimia Family

73	<i>Mollinedia guatemalensis</i> Perk.	.50
140	<i>Siparuna nicaraguensis</i> Hemsl.	.50

LAURACEAE. Laurel Family

819	<i>Cassytha filiformis</i> L.	.25
79	<i>Phoebe belizensis</i> Standl., sp. nov.	1.00
281 - - -	<i>mexicana</i> Meissn.	.50
856 - - -	<i>helicterifolia</i> Mez.	.50
99	<i>Ocotea cernua</i> (Nees.) Mez.	.50
381 - - -	<i>perseifolia</i> Mez. et Donn. Sm.	.50
571	<i>Nectandra glabrescens</i> Benth.	.50
164 - - -	<i>membranacea</i> Griseb.	.50
566 - - -	<i>sanguinea</i> Rottb.	.500
990	<i>Misanteca capitata</i> C. et S.	.50

RHOEADALES

CRUCIFERAE. Mustard Family

S-284	<i>Cakile edentula</i> (Bigel.) Hook.	.10
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CAPPARIDACEAE. Caper Family

1150	<i>Crataeva tapia</i> L.	.50
S-448	<i>Forchammeria trifoliata</i> Radlk.	.75
1156	<i>Capparis Tuerckheimii</i> Donn. Sm.	.50

SARRACENIALES

DROSERACEAE

539	<i>Drosera capillaris</i> Poir.	.25
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ROSALES

Packet
\$.C

PODOSTEMONACEAE. Podostemon Family

948	Marathrum	foeniculaceum Humb.et Bonpl.	.50
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AMYGDALACEAE. Almond Family

65	Chrysobalanus	icaco L.	.50
33	Hirtella	americana L.	.50
82	- - -	guatemalensis Standl.	.75
1098	- - -	triandra Sw.	.75
103	Licania	hypoleuca Benth.	.50
308	- - -	platypus (Helms.) Fritsch.	.50
102	- - -	sparsipila Blake.	.50
569	Couepia	dodecandra (DC.) Hemsl.	.50

CONNARACEAE. Connaris Family

321	Cnestidium	rufescens Planch.	.50
104	Rourea	glabra HBK.	.50
118	Connarus	Lamberti (DC.) Britton.	.50

LEGUMINOSAE

MIMOSOIDEAE. Mimosa Family

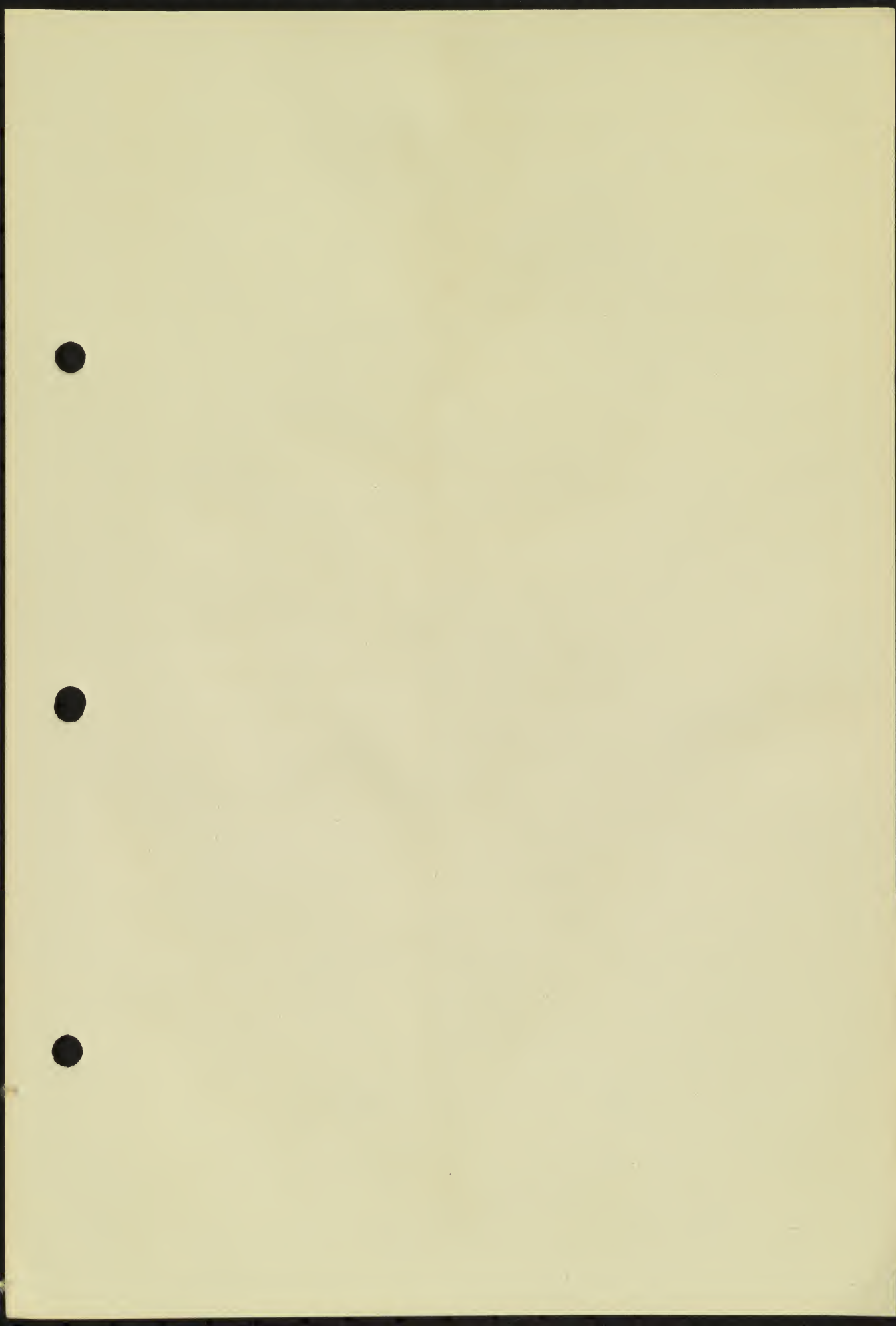
449	Acacia	glomerosa Benth.	.50
1142	- - -	Hindsii Benth.	.50
1072	- - -	Cookii Safford.	.50
412	Albizzia	idiopoda (Blake.) B.et R.	.50
657	Calliandra	Houstoniana (Mill.) Standl.	.50
369	- - -	confusa Sprague.et Riley.	.50
S-175	- - -	rhodocephala Donn.Sm.	.75
1106	- - -	portoricensis (Jacq.) Benth.	.50
178	Entada	polystachia (L.) DC.	.50
1143	- - -	gigas (L.) Fawc.et Rendle.	.50
380	Inga	xalapensis Benth.	.50
383	- - -	Rhodrigueziana Pittier.	.25
538	- - -	Schippii Standl., sp. nov.	.75
767	- - -	pinetorum Pittier.	.50
24	- - -	belizensis Standl., sp. nov.	.75
295	- - -	edulis Mart.	.25
163	- - -	leptaloba Schlecht.	.25
23	- - -	punctata Willd.	.50

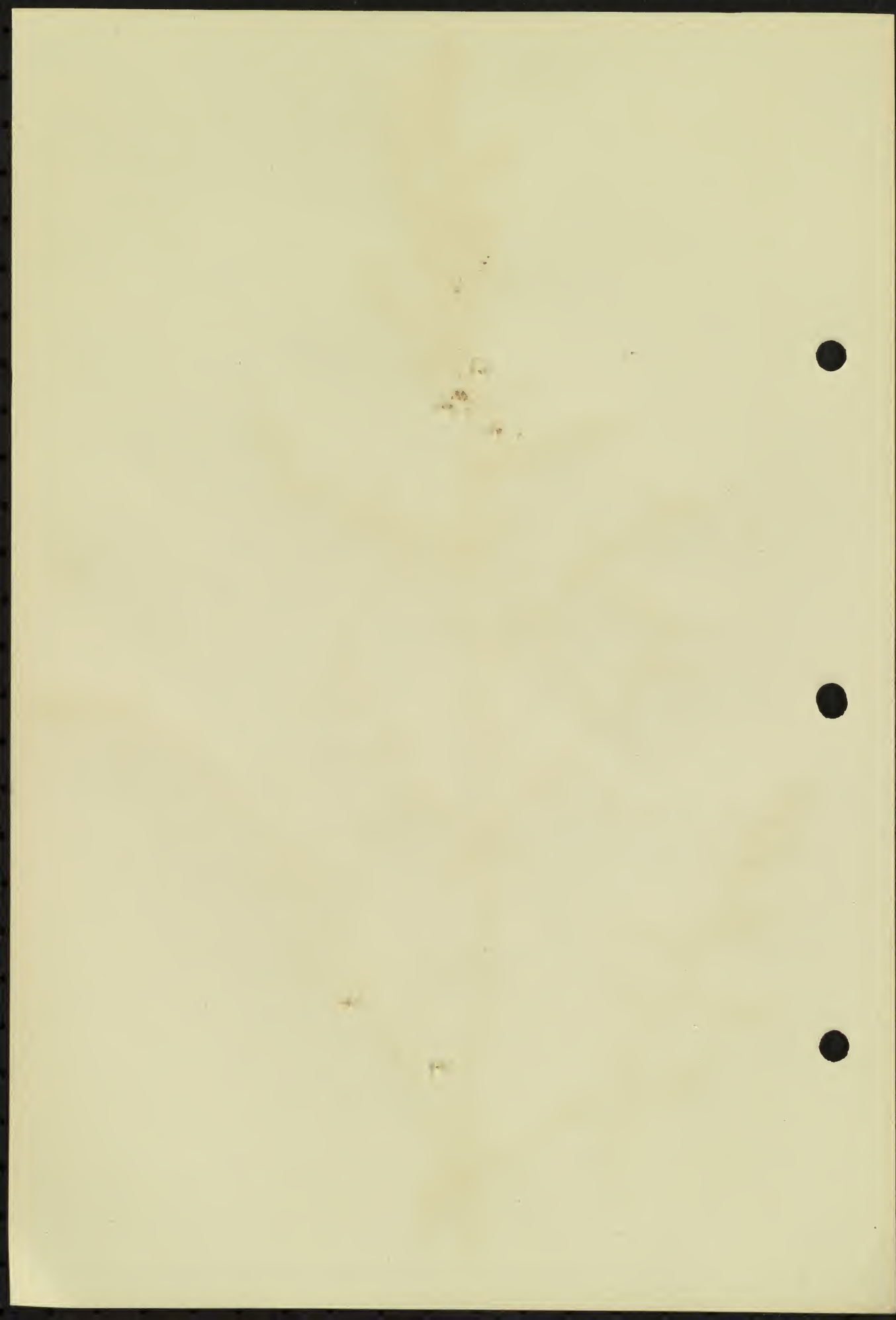
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342 Inga	Recordii Britt.et Rose.	.50
704 Mimosa	albida H.et B.	.50
134 - - -	pigra L.	.25
692 - - -	pudica L.	.10
725 - - -	Recordii Britt.et Rose.	.50
691 - - -	somnians H.et B.	.50
S-497 - - -	scalpens Standl., sp. nov.	.75
449 - - -	glomerosa Benth.	.50
1097 - - -	hondurana Britton.	.50
5 Pithecolobium	Donnel-Smithii (B.et R.) Standl.	.50
1024 - - -	macradenium Pittier.	.50
748 - - -	Keyense Britton.	.50
339 - - -	lanceolatum H.et B.	.50
749 - - -	Peckii (Rob.) Standl.	.75
621 - - -	Recordii (B.et R.) Standl.	.50
1113 - - -	belizense Standl.	.50
CAESALPINIOIDEAE.		
S-144 Caesalpinia	crista L.	.50
1080 - - -	bonduc (L.) Roxb.	.50
720 Cassia	Wilsoni (S.et B.) Standl.	.25
459 - - -	bacillaris L.	.50
1144 - - -	reticulata Willd.	.25
557 - - -	brevipes? Bartlettii Standl., sp. nov.	.25
594 - - -	diphylla L.	.25
637 - - -	flexuosa L.	.25
694 - - -	Killipii Ross.	.50
824 - - -	occidentalis L.	.25
490 - - -	nictitans L.	.25
847 - - -	leiophylla Vog.	.25
638 - - -	tagera L.	.25
6 - - -	undulata Benth.	.50
127 Dialium	divaricatum Vahl.	.50
221 Bauhinia	divaricata L.	.50
1081 - - -	Herrerae (Britt.et Rose.) Standl.	.75

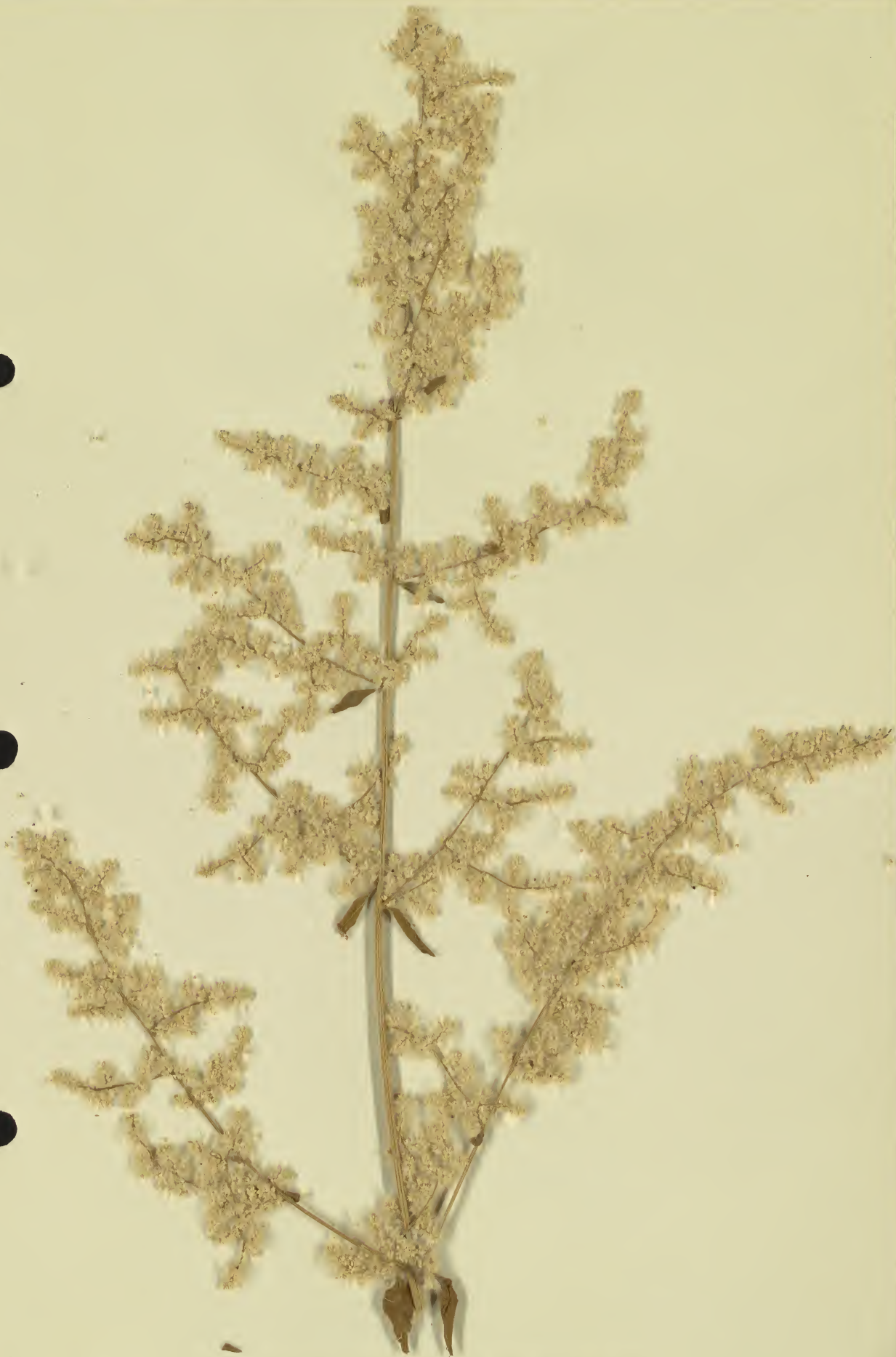
705 Ateleia cubensis Griseb.

PAPILIONATAE

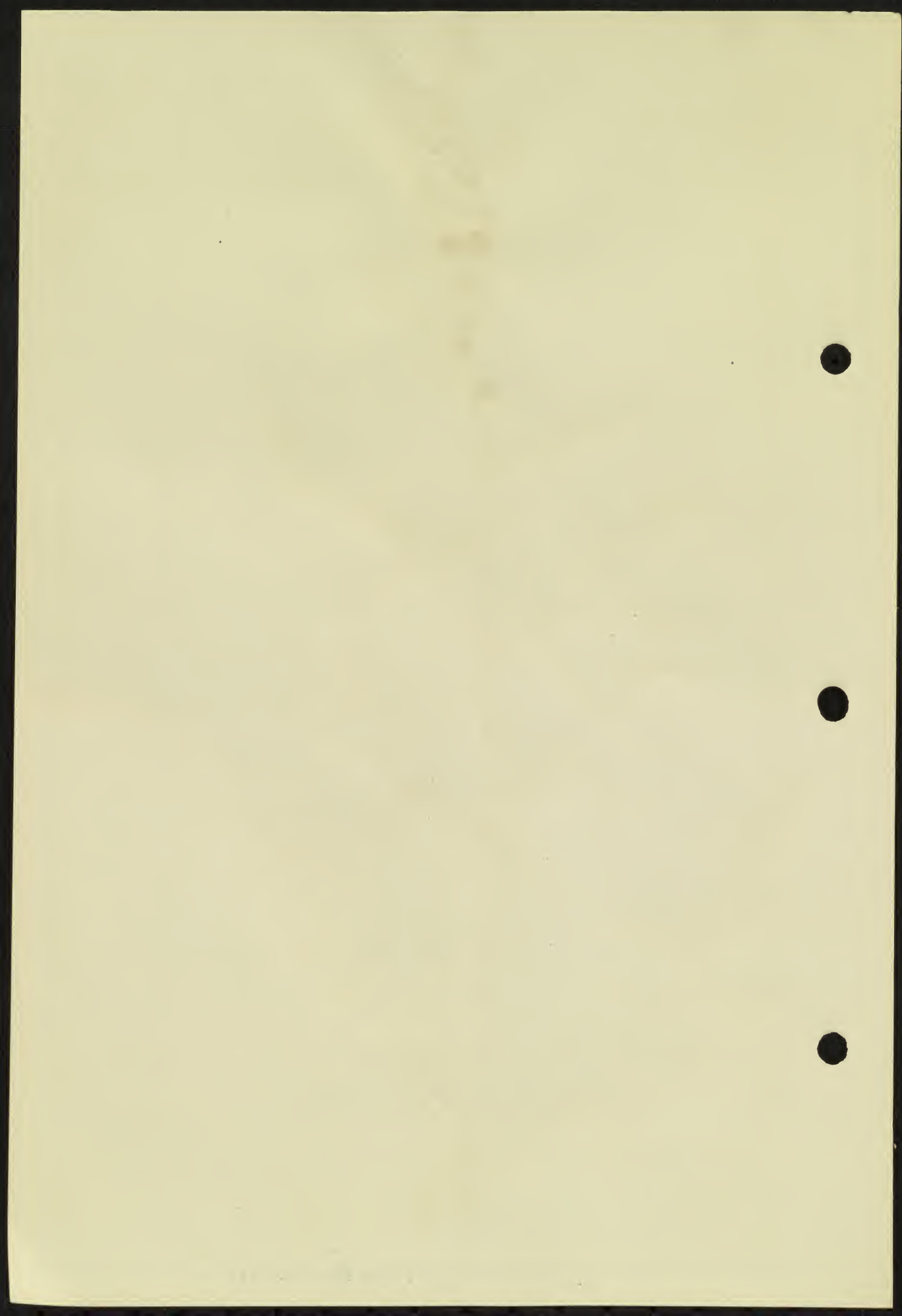
609 Sophora	tomentosa L.	.50
132 Ormosia	coarctata Jacke.	.50
1052 - - -	toledoana Standl., sp. nov.	.75
666 Aeschynomene	americana L.	.10
64 - - -	hispida Sw.	.10
628 - - -	hystrix Poir.	.10
660 - - -	laevis M. et G.	.10
417 Desmodium	adscendens (Sw.) DC.	.10
826 - - -	purpureum (Mill.) Fawc. et Rendle.	.10
489 - - -	barbatum (L.) B. et O.	.10
841 - - -	scorpiurus (Sw.) Desv.	.10
372 - - -	frutescens (Aubl.) Schindl.	.10
702 - - -	triflorum (L.) DC.	.10
950 - - -	axillare (Sw.) DC.	.25
486 Stylosanthes	guianensis (Aubl.) Sw.	.25
516 Zornia	diphylla (L.) Pers.	.10
563 Indigofera	suffruticosa Mill.	.10
488 Abrus	precatorius L.	.10
670 Tephrosia	cathartica (S. et M.) Urban.	.25
685 - - -	littoralis (L.) Pers.	.25
1108 Barbieria	pinnata (Pers.) Baill.	.50
484 Andira	inermis HBK.	.50
1117 Platymiscium	yucatanum Standl.	.75
537 Pterocarpus	officinalis Jacq.	.50
529 - - -	Hayesii Hemsl.	.50
130 Lonchocarpus	guatemalensis M	.50
1120 - - -	amarus Standl., sp. nov.	1.00
301 - - -	latifolius HBK.	.50
646 - - -	hondurensis Benth.	.75
699 - - -	rugosus Benth.	.50
810 Dalbergia	glabra (Mill.) Standl.	.50
626 - - -	ecastophyllum (L.) Taub.	.50
462 - - -	laevigata Standl.	







Iresine celosia L. (Amaranthaceae.)



113	Machaerium	Merrillii Standl., sp. nov.	\$.C .75
931	- - -	setulosum Pittier.	.50
1091	- - -	rosescens Standl., sp. nov.	.75
493	Crotalaria	mapurensis HBK.	.25
816	- - -	retusa L.	.10
548	- - -	sagittalis L.	.10
935	Erythrina	rubrinervia HBK.	.50
131	Mucuna	Andreana Micheli.	.25
S-294	- - -	Sloanei Fawc. et Rendle.	.25
601	Eriosema	diffusum (HBK.) Don.	.25
584	- - -	pinetorum Standl., sp. nov.	.25
772	- - -	pulchellum (HBK.) Don.	.25
573	Clitoria	rubiginosa Juss.	.25
506	Canavalia	maritima (Aubl.) Thou.	.25
1153	- - -	mexicana Piper.	.50
S-133	Dioclea	guianensis Benth.	.50
700	- - -	reflexa H. f.	.50
938	Galapogonium	brachycarpum Benth.	.25
940	- - -	coeruleum Benth.	.25
613	Galactia	striata (Jacq.) Urban.	.25
864	Phaseolus	elegans Piper.	.25
729	- - -	gracilis Poepp.	.25
844	- - -	adenanthus Meyer.	.25
620	- - -	hirsutus Mart.	.25
855	- - -	lunatus L.	.25
S-551	- - -	lathyroides L.	.25
718	Pachyrhizus	palmatilobus (M. et S.) B. et H.	.25
502	Vigna	repens (L.) Kuntze.	.25
S-285	- - -	vexillata (L.) A. Rich.	.25
579	Centrosema	angustifolium (HBK.) Benth.	.25
732	- - -	virginiana (L.) Benth.	.25

GERANIALES

OXALIDACEAE. Oxalis Family

754	Oxalis	Neesii DC.	.25
208	Biophytum	dendroides (HBK.) DC.	.25

ERYTHROXYLACEAE. Coco. Family

		Packet \$.C
271	Erythroxylum obovatum Mac Fad.	.50
1073 - - -	areolatum L.	.50

RUTACEAE. Rue Family

304	Zanthoxylum trichilioides Standl.	.50
S-450 - - -	Kellermannii P. Wilson.	.50
248	Esenbeckia pentaphylla (Macfad.) Griseb.	.75

SIMAROUBACEAE. Quassia Family

870	Quassia amara L.	.75
1078	Picramnia antidesma Sw.	.75
123	Simaruba glauca DC.	.75
500	Suriana maritima L.	.50

BURSERACEAE. Bursera Family

151	Bursera simaruba (Jack.) Sarg.	.50
861	Tetragastris Stevensonii Standl.	.50
229	Protium sp.	.50
1021 - - -	copal (S. et C.) Engl.	.50
973 - - -	sessiliflorum (Rose.) Standl.	.50
1038 - - -	costaricense (Kuntze.) Knobl.	.50

MELIACEAE. Mahogany Family

S-136	Trichillia havanensis Sprague.	.50
1016 - - -	montana HBK.	.50
414	Guarea excelsa HBK.	.50
952 - - -	chichon C. Dc.	.50
1070 - - -	guara (Jacq.) P. Wilson.	.50

MALPIGHIACEAE. Malpighia Family

176	Byrsonima crassifolia (L.) HBK.	.50
1030	Malpighia glabra L.	.50
802	Bunchosia nitida (Jacq.) DC.	.50
S-293 - - -	sp.	.50
21	Tetrapteris Behiadeana S. et C.	.50
1147 - - -	glabrifolia (Griseb.) Small.	.50
448	Heteropteris Beecheyana Juss.	.50
818 - - -	brachyptera Standl., sp. nov.	.75

143	Heteropteris	laurifolia (L.) Juss.	\$.C .50
1105	Hiraea	facifolia (DC.) Juss.	.50
1138	- - -	emilacina Standl.	.50
S- 447	- - -	borealis Ndzu.	.50
880	Stigmaphyllon	ciliatum (Lam.) Juss.	.50
S-456	- - -	mucronatum (DC.) Juss.	.50
468	- - -	Lindenianum Juss.	.50

VOCHYSIACEAE. Vochysia Family

158	Vochysia	hondurensis Sprague.	.75
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POLYGALACEAE. Milkwort Family

602	Polygala	adenophora DC.	.10
554	- - -	longicaulis HBK.	.10
752	- - -	paniculata L.	.10
822	- - -	aparinoides H. et A.	.10
553	- - -	timoutou Aubl.	.10
74	Securidaca	diversifolia (L.) Blake.	.25
697	Bredemeyera	lucida (Benth.) Benn.	.50

EUPHORBIACEAE. Spurge Family

667	Euphorbia	buxifolia L.	.10
859	- - -	thymifolia L.	.10
463	- - -	heterophylla L.	.10
S-142	- - -	hyssopifolia L.	.10
S-481	- - -	hirta L.	.10
929	- - -	trichotoma HBK.	.10
S-490	Phyllanthus	lathyroides HBK.	.10
541	Hieronyma	alchorneoides Allem.	.50
592	- - -	oblonga (Tul.) Muell.	.50
189	Dalechampia	Schottii Greenm.	.25
1084	- - -	tiliifolia Lam.	.50
S-140	- - -	scandens L.	.25
S-181	- - -	Schippii Standl., sp. nov.	.75
S-191	Jatropha	urens L.	.25
35	Croton	glabellus L.	.25

		Packet
		\$.C
766 Croton	lobatus L.	.10
616 - - -	punctatus Jacq.	.25
205 - - -	pyramidalis Donn. Smith.	.25
1020 - - -	tragioides Blake.	.10
805 Caperonia	palustris (L.) St.Hil.	.10
141 Adelia	barbinervis S.et C.	.50
S-45 Acalypha	chlorocardia Standl., sp. nov.	.50
1 - - -	macrostachya Jacq.	.25
129 - - -	diversifolia Jacq.	.25
212 - - -	arvensis P.et E.	.10
1041 - - -	costaricensis (Kuntze.) Knobl.	.50
112 Alchornia	latifolia Sw.	.50
156 Plukenetia	angustifolia Standl., sp. nov.	.25
201 Pera	barbellata Standl., sp. nov.	.50
1018 Sebastiania	longicuspis Standl., sp. nov.	.75
1114 Mabea	occidentalis Benth.	.50
939 Hippomane	mancinella L.	.50
1049 Sapium	jamaicense Sw.	.50
1188 Hampea	euryphylla Standl.	.50

SAPINDALES

ANACARDIACEAE. Cashew Family

155 Spondias	mombin L.	.50
758 Anacardium	occidentale L.	.50

AQUIFOLIACEAE. Holly Family

507 Ilex	panamensis Standl.	.50
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CELASTRACEAE. Bittersweet Family

1014 Maytenus	Reissekii Urban.	.50
447 Rhacoma	eucymosa (Loes.et Pitt.) Standl., com. nov.	.50

ICACINACEAE. Icacina Family

S-446 Calatola	laevigata Standl.	.75
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HIPPOCRATEACEAE

S-91 Hippocratea	celastroides	.50
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199	Hippocratea	yucatana Standl.	\$.C .50
128	Salacia	belizensis Standl., sp. nov.	.75

SAPINDACEAE. Soapberry Family

71	Serjania	atrolineata Sauv. et Wright.	.25
1104	- - -	scatens Radlk.	.25
86	Paullinia	costata C. et S.	.50
866	- - -	costaricensis Radlk.	.50
435	Allophylus	cominia (L.) Sw.	.50
1115	- - -	longeracemosus Standl.	.50
267	Cupania	auriculata Standl., sp. nov.	.75
1069	- - -	macrophylla A. Rich.	.50
1093	- - -	belizensis Standl.	.50
494	Dodonaea	viscosa Jacq.	.25
S-13	Matayba	apetala (Mac Fad.) Radlk.	.50
1140	- - -	oppositifolia (A. Rich.) Britton.	.50
1122	Sapindus	saponaria L.	.50

RHAMNALES

RHAMNACEAE. Buckthorn Family

2	Gouania	polygama (Jacq.) Urban.	.50
S-457	- - -	lupuloides (L.) Urban.	.50

VITACEAE. Grape Family

289	Vitis	tiliaefolia HBK.	.50
403	Cissus	rhombifolia Vahl.	.25
405	- - -	sicyoides L.	.25
S-488	- - -	gossypifolia Standl.	.25

MALVALES

ELAEocarpaceae. Elaeocarpus Family

323	Sloanea	erlostemon Sprague. et Riley.	.50
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TILIACEAE. Linden Family

872	Helioarpus	mexicanus (Turcz.) Sprague.	.50
833	Triumfetta	Bartramia L.	.10

		Packet \$.C
868	Triumfetta lappula L.	.10
716	Corchorus siliquosus L.	.10
8	Belotia Campbellii Sprague.	.50
586	Luehea speciosa Willd.	.50
1119 - - -	Seemannii Triana, et Plach.	.50

MALVACEAE. Mallow Family

S-152	Hibiscus furcellatus Lam.	.25
939 - - -	bifurcatus Cav.	.25
404 - - -	costatus Rich.	.25
S-188 - - -	abelmoschus L.	.25
505	Thespesia populnea (L.) Soland.	.25
733	Wissadula excelsior (Cav.) Presl.	.25
650	Sida linifolia Juss.	.10
852 - - -	acuta Burm.	.10
722 - - -	rhombiflorus HBK.	.10
850	Urena lobata L.	.10
708	Malvaviscus grandiflorus HBK.	.25
570	Pavonia rosea Schlecht.	.10
635 - - -	spicata Cav.	.10

BOMBACACEAE. Bombax Family

430	Pachira aquatica	.10
407	Quararibea funebris (Llave.) Standl.	.50
139	Ochroma limonensis Rowlee.	.50

STERCULIACEAE. Sterculia Family

458	Buettneria aculeata Jacq.	.25
419	Theobroma cacao L.	.50
582	Helicteres guazumifolia HBK.	.50
433	Guazuma ulmifolia Lam.	.50
504	Waltheria americana L.	.10
549	Melochia hirsuta Cav.	.10

PARIETALES

DILLENACEAE. Dillenia Family

9	Davilla Kunthii St.Hil.	.25
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		Packet \$.C
483	Tetracera sessiliflora Tr.et Pl.	.50
420	Doliocarpus dentatus (Aubl.) Standl.	.50
765	Curatella americana L.	.50
ACTINIDIACEAE. Actinidia Family		
236	Saurauia pauciserrata Hemsl.	.50
Ochnaceae. Ochna Family		
193	Ouratea nitida (Sw.) Engl.	.50
S-468	- - - stenobotrys Riley.	.50
S-184	Sauvagesia tenella Lam.	.10
649	- - - erecta L.	.25
MARCGRAVIACEAE. Marcgravia Family		
476	Marcgravia nepenthoides Seem.	.75
514	Souroubea guianensis Aubl.	.75
THEACEAE. Tea Family		
556	Ternstroemia tepezapote Schlecht.et Cham.	.50
344	- - - oocarpa (Rose.) Melch.	.50
455	Euyra lancifolia Standl., sp. nov.	.75
GUTTIFERAE. Mangosteen Family		
391	Clusia Salvinii D.Smith.	.50
503	- - - minor L.	.50
1045	- - - mexicana Vesque.	.50
S-105	- - - flava Jacq.	.50
1004	- - - rosea L.	.50
434	Calophyllum brasiliense Camb. var. Rekoi Standl.	.50
524	Rheedia edulis Tr.et Pl.	.50
466	Symphonia globulifera L.f.	.75
HYPERICACEAE. St.Johnswort Family		
278	Vismia latifolia Choisy.	.25
177	- - - ferruginea HBK.	.25
BIXACEAE. Anatto Family		
	Bixa orellana L.	.25

COCHLOSPERMACEAE. Poroporo Family

45	Cochlospermum	vitifolium (Willd.) Spreng.	.50
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VIOLACEAE. Violet Family

55	Rinorea	densiflora Bartlett.	.25
854	- - -	guatemalensis (Wats.) Bartlett.	.25
1132	Amphirrhox	subsessilis Standl., sp. nov.	1.00

FLACOURTIACEAE. Flacourtia Family

396	Oncoba	laurina (Presl.) Warb.	.50
251	Hasseltia	mexicana (Gray.) Standl.	.50
567	Zuelania	Roussoviae Pittier.	.50
1017	Drypetes	Brownii Standl.	.50
263	Casearia	arborea (Rich.) Urban.	.50
1139	- - -	nitida (L.) Jacq.	.50
837	- - -	aculeata Jacq.	.50
165	- - -	arguta HBK.	.50
215	- - -	javitensis HBK.	.50
67	- - -	sylvestris Sw.	.50

TURNERACEAE. Turnera Family

551	Pirequeta	cistoides (L.) May.	.10
S-193	Turnera	ulmifolia L.	.10

PASSIFLORACEAE. Passionflower Family

S-93	Passiflora	biflora Lam.	.25
1154	- - -	gossypifolia Desv.	.25
803	- - -	coriacea Juss.	.25
648	- - -	ciliata Ait.	.25
S-143	- - -	serratifolia L.	.50
S-395	- - -	choconiana Wats.	.50
S-466	- - -	ambigua Hemsl.	.50

CARICACEAE. Pawpaw Family

333	Carica	dolichaula Donn.Sm.	.50
982	- - -	papaya L.	.25

BEGONIACEAE. Begonia Family

S-182	Begonia	nicaraguensis Standl.	.50
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		Packet
1111 Begonia	glabra Aubl.	\$.C
S-449 - - -	heracleifolia Cham.et Schl.	..50
		1.00

OPUNTIALES

CACTACEAE. Cactus Family

318 Rhipsalis	cassutha Gaertn.	.50
S-23 - - -	coriacea Polak.	.50
371 Epiphyllum	pumilum (Vaupel.) B.et R.	.50
S-176 Cereus	pentagonus L.	.50
S-411 - - -	minutiflorus (Britt.et Rose.) Vaupel.	.50

MYRTIFLORAE

LYTHRACEAE. Loosestrife Family

199 Cuphea	calophylla Cham.et Schlecht.	.25
1107 - - -	utriculosa Koehne.	.25
1141 - - -	carthagenensis (Jacq.) Macbride.	.10
S-492 Rotala	ramosior (L.) Koen.	.10

LECYTHIDACEAE. Brazilnut Family

1151 Gustavia	integrifolia Standl.	1.00
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RHIZOPHORACEAE. Mangrove Family

510 Rhizophora	mangle L.	.25
254 Cassipourea	elliptica Poir.	.25
322 - - -	podantha Standl.	.50

COMBRETACEAE. Combretum Family

492 Conocarpus	erecta L.	.25
769 Terminalia	excelsa Liebm.	.50
498 - - -	catappa L.	.50
759 Bucida	buceras L.	.50
358 Laguncularia	racemosa (L.) Gaertn.	.50
87 Combretum	cacoucia Exell.	1.00
36 - - -	farinosum HBK.	.75
356 - - -	mexicanum H.et B.	.50

MYRTACEAE. Myrtle Family

596	Psidium	chrysobalanoides Standl., sp. nov.	1.50
S-99	- - -	hypoglaucum Standl., sp. nov.	1.50
S-85	- - -	rotundifolium Standl., sp. nov.	1.50
595	- - -	Schippii Standl., sp. nov.	1.50
249	Eugenia	axillaris (Sw.) Willd.	.25
153	- - -	biflora DC.	.25
485	- - -	Fadyenii Krug. et Urb.	.50
438	- - -	flavifolia Standl., sp. nov.	.75
427	- - -	mayana Standl.	.50
669	- - -	Schippii Standl., sp. nov.	.75
1090	- - -	capuli (Schl. et Cham.) Berg.	.50
642	Calyptranthes	Millspaughii Urban.	.50

MELASTOMACEAE. Melastoma Family

317	Arthrostemma	fragile Lindl.	.25
639	Acisanthera	quadrata Juss.	.25
677	- - -	Bartlettii Gleason.	.25
707	- - -	trivialis (Vahl.) Cogn.	.25
46	Aciotis	paludosa Triana.	.10
29	Nepsera	aquatica (Wubl.) Naud.	.25
652	Pterolepis	pumila (DC.) Cogn.	.10
706	Tibouchina	longifolia (Vahl.) Cogn.	.50
S-496	Topobea	calycularis Naud.	.50
18	Leandra	mexicana Cogn.	.50
471	- - -	costaricensis Cogn.	.50
63	Conostegia	caelestis Standl., sp. nov.	.50
145	- - -	subhirsuta DC.	.50
17	- - -	xalapensis (Bonpl.) Don.	.25
546	Miconia	albicans Triana.	.25
58	- - -	amplexans (Cruegar.) Triana.	.50
41	- - -	argentea Sw.	.25
150	- - -	astroplocana Donn. Sm.	.50
395	- - -	belizensis Standl., sp. nov.	.75
27	- - -	chrysophylla (L. Rich.) Urban.	.50

		\$.	C
27	Miconia	chrysophylla (L.Rich.) Urban.	.50
244	- - -	dodecandra Cogn.	.75
302	- - -	glaberrima Naud.	.25
40	- - -	habrolepis Standl., sp. nov.	.75
186	- - -	hondurensis Donn. Smith.	.25
159	- - -	hyperprasina Naud.	.25
147	- - -	impetiolearis (Sw.) Don.	.50
377	- - -	involucrata Donn.Sm.	.25
14	- - -	lacera Naud.	.25
182	- - -	laevigata DC.	.25
338	- - -	longifolia DC.	.50
76	- - -	Mathaei Naud.	.50
56	- - -	nervosa (Sm.) Triana.	.25
S-187	- - -	ibaguensis Triana.	.25
43	- - -	obovalis Naud.	.25
467	- - -	ochroleuca Standl., sp. nov.	.50
326	- - -	cinocrophylla Donn. Sm.	.50
232	- - -	oligocephala Donn. Sm.	.50
220	- - -	ciliata (L.Rich.) DC.	.25
519	- - -	stenostachya DC.	.25
1032	- - -	Schlimii Triana.	.25
S-409	- - -	angustispica Blake.	.25
15	Heterotrichum	octonum (H. et B.) DC.	.25
235	Ossaea	micrantha (Sw.) Macfad.	.25
239	- - -	ciliata Cogn.	.25
240	- - -	trichocalyx Pittier.	.25
264	Henriettella	densiflora Standl.	.50
388	- - -	macrocalyx Standl., sp. nov.	.50
59	- - -	fascicularis (Sw.) Triana.	.25
16	Clidemia	hirta Don.	.10
30	- - -	capitellata Donn.	.25
26	- - -	dentata Donn.	.25
474	- - -	involucrata DC.	.25
80	- - -	laxiflora Schlecht.	.25

		Packet \$.C
219	Clidemia neglecta Don.	.25
555 - - -	rubra (Aubl.) Mart.	.25
327 - - -	sp.	.25
320	Maieta cuneata Standl., sp. nov.	.75
470 - - -	tococoidea Cogn.	.50
319	Bellucia costaricensis Cogn.	.50
227	Tococa coracea Moore.	.50
534	Adelobotrys adscendens Triana.	.50
124	Mouriria parvifolia Benth.	.50
70 - - -	cyphocarpa Standl.	.50
ONAGRACEAE. Evening-primrose Family		
187	Jussiaea pilosa HBK.	.10
678 - - -	nervosa Poir.	.25
731 - - -	suffruticosa L.	.10
S-185	Oocarpon torulosum (Arn.) Urban.	.25
UMBELLIFLORAE		
ARALIACEAE. Ginseng Family		
641	Gilibertia Smithiana Johnston.	.50
681	Didymopanax mortotoni (Aubl.) Decsne. et Planch.	.50
1031	Oreopanax capitatum (Jacq.) Decsne. et Planch.	.50
UMBELLIFERAE. Parsley Family		
808	Eryngium foetidum L.	.10
829	Hydrocotyle umbellata L.	.10
ERICALES		
CLETHRACEAE. White Alder Family		
726	Clethra hondurensis Britton.	.50
443	Schizocardia belizensis Smith. et Standl., gen. nov. et spl.	.50
PRIMULALES		
MYRSINACEAE. Myrsine Family		
536	Rapanea guianensis Aubl.	.50
S-121	Parathesis aeruginosa Standl.	.50
287 - - -	melanostricta (Schil.) Hemsl.	.50

		Packet \$.C
415 Parathesis	obovata Standl.	.50
S-124 Ardisia	nigropunctata Oerst.	.50
431 - - -	paschalis Donn. Sm.	.50
478 - - -	Donnell-Smithii Mez.	.50
38 - - -	compressa HBK.	.50

EBENALES

SAPOTACEAE. Sapodilla Family

303 Chrysophyllum	mexicanum Brandeg.	.50
1157 - - -	cainito L.	.50
577 Achras	zapota L.	.50
440 Calocarpum	mammosum (L.) Pierre.	.75
764 Lucuma	campechiana HBK.	.50
1124 - - -	izabalensis Standl.	.50
1126 - - -	Durlandii Standl.	.50
585 Bumelia	retusa Swartz.	.50
1077 - - -	megaphylla Blake.	.50

SYMPLOCACEAE. Symplocos Family

116 Symplocos	matinicensis Jacq.	.50
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CONTORTAE

LOGANIACEAE. Logania Family

285 Strychnos	panamensis Seem. var. hirtiflora Standl.	.50
121 - - -	Peckii Rob.	.50
800 Spigelia	humboldtiana Schl. et Cham.	.10
1066 Cynoctonum	mitreola (L.) Britton.	.10
957 Buddleia	americana L.	.25

GENTIANACEAE. Gentian Family

S-416 Leiphaimos	simplex (Griseb.) Standl.	.25
S-505 - - -	mexicana (Griseb.) Miq.	.25
S-146 Curtia	tenella (Mart.) Cham.	.10
446 Coutoubea	spicata Aubl.	.25
743 Schultesia	lisianthoides (Griseb.) B. et H.	.10
776 - - -	heterophylla Miq.	.25

S-147	Schultesia	Stenophylla Mart.	.25
1086	Chelonanthus	alatus (Aubl.) Gilg.	.25

MENYANTHACEAE. Bogbean Family

617	Limnanthemum	Humboldtianum (HBK.) Griseb.	.50
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APOCYNACEAE. Dogbane Family

218	Thevetia	nitida (HBK.) DC.	.25
178	Allamanda	cathartica L.	.50
360	Forsteronia	viridescens Blake.	.25
423	Tabernaemontana	arborea Rose.	.50
122	- - -	citrifolia L.	.25
39	- - -	Donnell-Smithii Rose.	.50
168	- - -	Schippii Standl., sp. nov.	.75
411	Stemmadenia	Donnell-Smithii Rose.	.50
653	Malouetia	guatemalensis (Muell.) Standl.	.50
S-7	Prestonia	mexicana (A.DC.) Hemsl.	.25
S-465	- - -	concolor (Blake.) Woodson.	.50
S-388	- - -	macrocarpa Hemsl.	.50
368	Echites	cuspidifera Blake.	.50
48	Rhabdadenia	cordata (Mell.)	.25
376	- - -	paludosa (L.) Miers.	.25
S-25	Odontadenia	speciosa Benth.	.50
S-6	Mandevilla	denticulata Blake.	.25

ASCLEPIADACEAE. Milkweed Family

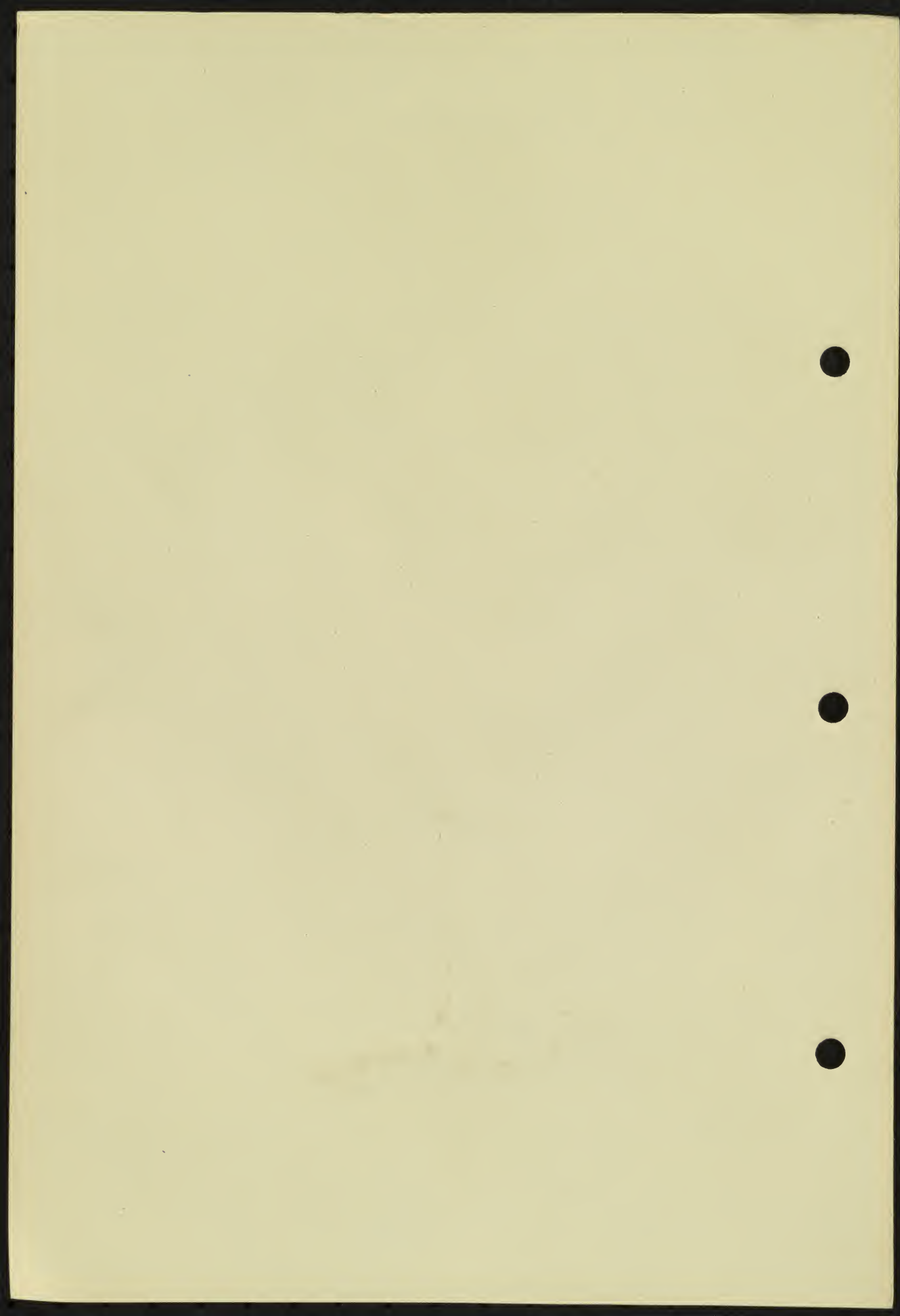
117	Asclepias	curassavica L.	.10
954	Vincetoxicum	macranthum (Kunze.) Standl.	.50
1027	Marsdenia	laxiflora Donn.Sm.	.50
674	Metastelma	pedunculare Dcne.	.25
S-27	Blepharodon	mucronatum (Schlect.) Dcne.	.25

TUBIFLORAE

CONVOLVULACEAE. Morning-glory Family

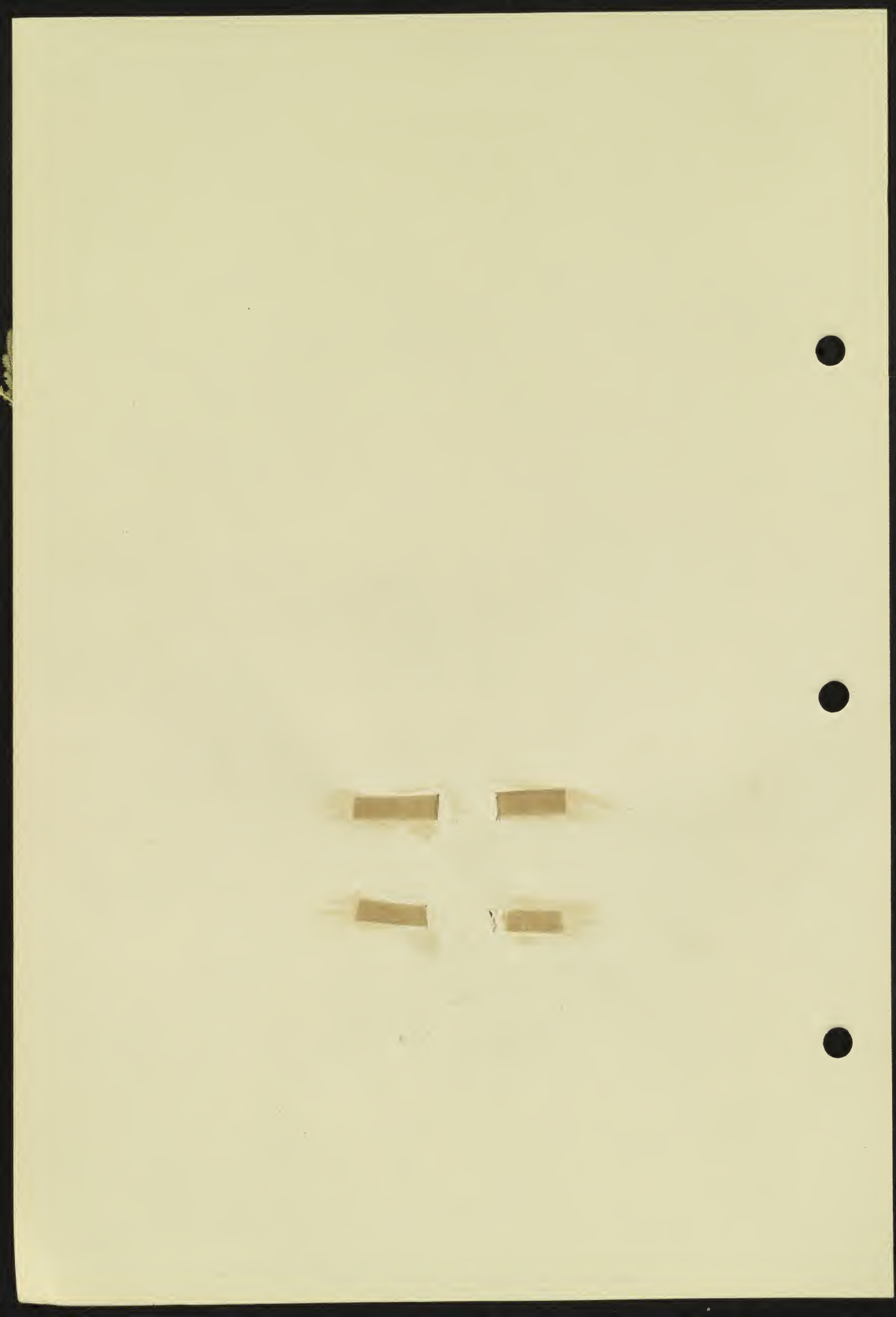
1123	Maripa	nicaraguensis Hemsl.	.50
101	- - -	macrophylla Benth.	.50







Selaginella umbrosa Lem. (Selaginellaceae.)



		\$ ^c
S-288	Rivea campanulata (L.) House.	1.00
1128	Turbina corymbosa (L.) Raf.	.50
658	Evolvulus alsinoides L.	.25
S-151	- - - sericeus Sw.	.25
387	Jacquemontia tannifolia (L.) Griseb.	.25
S-145	Aniseia martinicensis (Jacq.) Choisy.	.25
S-459	Calonyction aculeatum (L.) House.	.25
1055	Quamoclit pennata (Desv.) Bojer.	.10
846	Ipomoea dasysperma Jacq.	.10
547	- - - aphylla Standl., sp. nov.	.50
495	- - - callida House.	.10
636	- - - digitata L.	.25
740	- - - minutiflora (Mart.et.Gal) House.	.25
830	- - - cathartica Poir.	.10
624	- - - pes-caprae (L.) Roth.	.10
878	- - - setosa Ker. var. campanulata (Hallier.)House.	.50
711	- - - quinquefolia L.	.25
497	- - - stolonifera (Cyrill.) Poir.	.10
421	- - - tuxtlensis House	.25
S-282	- - - polyanthes R.et S.	.25
S-283	- - - tiliacea (Willd.) Choisy.	.25

HYDROPHYLLACEAE. Water-leaf Family

561	Hydrolea spinosa L.	.25
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BORAGINACEAE. Borage Family

142	Cordia alliodora (R.et P.) Cham.	.50
184	- - - bicolor DC.	.50
821	- - - curassavica (Jacq.) R.et S.	.25
525	- - - diversifolia Pav.	.25
167	- - - ferruginea R.et S.	.25
1040	- - - glabra L.	.50
461	Tournefortia bicolor Sw.	.25
299	- - - glabra L.	.25
930	- - - gnaphaloides (L.) R.Br.	.50

		Packet \$.C
1158	Tournefortia hirsutissima L.	.25
S-92	Heliotropium inundatum Sw.	.10
425	Bourreria oxyphylla Standl.	.50

VERBENACEAE. Verbena Family

197	Vitex Gaumeri Greenm.	.50
994 - - -	Kuylenii Standl.	.50
625	Avicennia nitida Jacq.	.25
216	Aegiphila elata Sw.	.25
1083 - - -	monstrosa Moldenke.	.50
727	Petrea arborea HBK. f. albiflora Standl. forma. nov.	.75
268	Citharexylum caudatum L.	.25
265	Cornutia grandifolia (S. et C.) Schauer.	.50
845	Priva lappulacea (L.) Pers	.10
679	Stachytarpheta cayennensis (L. Rich.) Vahl.	.10
838 - - -	angustifolia (Mill.) Vahl.	.10
564	Lantana involucrata L.	.25
755	Lippia alba (Mill.) N. E. Br.	.25
576 - - -	nodiflora (L.) Michx.	.10
612	Tamonea curassavica (L.) Pers.	.10

LABIATAE. Mint Family

840	Salvia obscura Benth.	.10
1025	Ocimum micranthum Willd.	.10
618	Marsypianthes chamaedrys (Vahl.) Kuntze.	.10
696	Hyptis savannarum Briq.	.10
688 - - -	lantaniifolia Poit.	.10
188 - - -	verticillata Jacq.	.10
946 - - -	pectinata (L.) Poit.	.10

SOLANACEAE. Nightshade Family

801	Physalis pubescens L.	.10
S 17	Cestrum macrophyllum Vent.	.50
330 - - -	nocturnum L.	.25
312 - - -	panamense Standl.	.50

		Packet \$.C
966	<i>Capsicum</i>	<i>escuintlense</i> (Coult.) Standl. .25
1076	- - -	<i>baccatum</i> L. .10
175	<i>Solanum</i>	<i>diversifolium</i> Schlecht. .10
842	- - -	<i>nigrum</i> L. .25
171	- - -	<i>Houstoni</i> Dunal. .10
849	- - -	<i>lanceifolium</i> Jacq. .25
429	- - -	<i>nudum</i> HBK. .10
172	- - -	<i>salvifolium</i> Lam. .10
737	- - -	<i>asperum</i> L. .10
964	- - -	<i>bicolor</i> Willd. .10
603	<i>Lycianthus</i>	<i>lenta</i> (Cav.) Bitter. .25
S-303	- - -	<i>nitida</i> Bitter. .25
311	- - -	<i>sideroxyloides</i> (Schl.) Bitter. .25
S-499	- - -	<i>vulpina</i> Standl. .25
686	<i>Schwenkia</i>	<i>americana</i> L. .10

SCROPHULARIACEAE. Figwort Family

1082	<i>Alectra</i>	<i>melampyroides</i> (Rich.) Kuntze. .25
S-138	<i>Bushnera</i>	<i>pusilla</i> HBK. .10
671	<i>Russelia</i>	<i>polyedra</i> Zuc. .50
750	<i>Angelonia</i>	<i>ciliaris</i> Rob. .25
945	<i>Capraria</i>	<i>biflora</i> L. .10
703	<i>Lysanthes</i>	<i>rotundifolia</i> Benth. .10
873	<i>Vandellia</i>	<i>diffusa</i> L. .10
874	<i>Torenia</i>	<i>crustacea</i> (L.) Cham. et Schl. .10
827	<i>Scoparia</i>	<i>dulcis</i> L. .10
521	<i>Dermatocalyx</i>	<i>parviflorus</i> Oerst. .50
763	<i>Bacopa</i>	<i>lacertosa</i> Standl., sp. nov. .25
610	- - -	<i>naias</i> Standl., sp. nov. .25
724	- - -	<i>procumbens</i> (Mill.) Greenm. .10
992	- - -	<i>rotundifolia</i> (Michx.) Wettst. .10
591	<i>Gerardia</i>	<i>albida</i> (Britt. et Penn.) Standl., com. nov. .25
614	- - -	<i>maritima</i> Raf. var. <i>grandiflora</i> Benth. .25

BIGNONIACEAE. Bignonia Family

S-94	<i>Macfadyena</i>	<i>uncinata</i> (Mey.) DC. .50
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		Packet \$.C
S-61	Amphilophium paniculatum (L.) HBK.	.50
S-51	Callichlamys latifolia (A.Rich.) Schum.	.50
771	Cydista asquinotialis (L.) Miers.	.50
224 - - -	diversifolia (HBK.) Miers.	.50
701	Petastoma patelliferum (Schlecht.) Miers.	.75
S-297 - - -	caudiculatum Standl., sp. nov.	1.00
1127	Clytostoma elegans Standl., sp. nov.	1.00
347	Paragonia pyramidata (Rich.) Bur.	.75
284	Arrabidaea belizensis Standl., sp. nov.	1.00
593 - - -	floribunda (HBK.) Loes.	.75
1064 - - -	Lundellii Standl.	1.00
S-2	Adenocalymna punctifolium Blake.	.50
645	Enallagma cucurbitina (L.) Baill.	.50
S-67 - - -	latifolia (Mill.) Small.	.50
1146	Parmentiera edulis DC.	.75
1133	Jacaranda copaia (Aubl.) Don.	1.00
730	Tabebuia pentaphylla (L.) Hemsl.	.75
1173 - - -	chrysantha (Jacq.) Nicholson.	.75

GESNERIACEAE. Gesneria Family

S-281	Achimenes pulchella (L'Hef.) Hitchc	.50
S-509 - - -	coccinea Pers.	.50
S-149	Codonanthe confusa Sandwith.	.50
1056	Columnea sulfurea Donn.Sm.	.50
1046	Drymonia spectabilis (HBK.) Mart.	.50

LENTIBULARIACEAE. Bladderwort Family

S-89	Utricularia adenantha Standl., sp. nov.	.50
630 - - -	aureola Blake.	.50
633 - - -	dicordia Standl., sp. nov.	.50
S-88 - - -	fimbriata HBK.	.50
412 - - -	juncea Vahl.	.50
631 - - -	juncea Vahl. forma. minima Blake.	.50
560 - - -	macerrima Blake.	.50
603 - - -	obtusa Sw.	.50

632	Utricularia	Peckii Blake.	.50
367	- - -	pursilla Vahl.	.50
608	- - -	purpurea Walt.	.50
629	- - -	resupinata B.D.Greene.	.50
607	Genlisea	luteoviridis C.Wright.	.50

ACANTHACEAE. Acanthus Family

961	Mendoncia	belizensis Standl., sp. nov.	1.00
1051	- - -	costaricensis Oerst.	.50
1109	Hygrophila	conferta Nees.	.10
761	Ruellia	geminiflora HBK.	.25
976	- - -	longipila Standl.	.25
37	Aphelandra	deppeana S.et C.	.25
1063	- - -	aurantiaca (Scheidw.) Lindl.	.50
S-462	Eranthemum	adenocarpum Blake.	.25
S-135	Lepidagathis	alopecuroides (Nees.) Lindau.	.10
875	Blechnum	pyramidatum (Lam.) Urban.	.10
146	Odontonema	cuspidatum (Nees.) Kuntze.	.50
222	- - -	paniculiferum Blake.	.50
S-278	- - -	geminatum (Donn.Sm.) Blake.	.50
542	Justicia	Peckii Blake.	.25
622	- - -	comata (L.) Lam.	.25
523	Jacobinia	scarlatina Blake.	.50
354	- - -	ensiflora Standl., sp. nov.	.75
1110	Louteridium	Donnell-Smithii Blake.	.75

RUBIALES

RUBIACEAE. Madder Family

457	Manettia	coccinea (Aubl.) Willd.	.25
S-129	Geophila	herbacea (L.) Schum.	.10
664	Oldenlandia	herbacea L.	.10
695	Richardia	scabra L.	.10
809	Diodia	maritima Thonn.	.10

		Packet \$.C
652 Borreria	latifolia (Aubl.) Schum.	.10
719 - - -	ocimoides (Burm.) DC.	.10
848 - - -	laevis (Lam.) Griseb.	.10
600 - - -	sauveolens Meyer.	.10
812 - - -	verticillata (L.) Meyer.	.25
274 Sabicea	villosa Roem. et Schult. var adpressa Wernham.	.25
1053 Alseis	yucatanica Standl.	.50
230 Lindenia	rivalis Benth.	.50
183 Gonzalagunia	panamensis (Cav.) Schum.	.50
105 Hamelia	patens Jacq.	.50
223 - - -	rovirosa Wernham.	.50
44 Bertiera	guianensis Aubl.	.25
530 Posoqueria	latifolia (Aubl.) Schum.	.50
154 Amaioua	corymbosa HBK.	.50
195 Alibertia	adulic (L. Rich.) A. Rich.	.25
S-65 Appunia	guatemalensis Donn. Sm.	.25
S-486 Genipa	caruto HBK.	.50
565 Chiococca	alba (L.) Hitchc.	.50
1058 - - -	pachyphylla Wernham.	.50
184 Morinda	panamensis Seem.	.50
10 Cephaelis	tomentosa (Aubl.) Vahl.	.25
54 - - -	elata Sw.	.50
57 - - -	glomerulata Donn. Sm.	.25
345 Faramea	brachysiphon Standl., sp. nov.	.75
410 - - -	occidentalis (L.) Rich.	.50
574 Guettarda	seleriana (Loes.) Standl.	.50
583 Erithalis	fruticosa L.	.25
1043 Ixora	nicaraguensis Wernham.	.50
S-68 Psychotria	axillaris Willd.	.25
309 - - -	chiapensis Standl.	.25
170 - - -	crebrinervia Standl.	.25
269 - - -	cuspidata Bredem.	.25
204 - - -	graciliflora Benth.	.50

		\$.	C.
198 Psychotria	hebeclada DC.	.50	
335 - - -	involucrata Sw.	.25	
242 - - -	limonensis Krause.	.25	
245 - - -	marginata Sw.	.50	
283 - - -	patens Sw.	.50	
297 - - -	Pittieri Standl.	.25	
256 - - -	pubescens Sw.	.25	
88 - - -	uliginosa Sw.	.25	
644 - - -	undata Jacq.	.25	
1002 - - -	microdon (DC.) Urban.	.50	
53 - - -	capitata Ruiz.et Pavon.	.25	
1013 - - -	grandis Swatz.	.50	
S-394 - - -	Oerstediana Standl.	.25	
S-291 - - -	macrophylla Ruiz.et Pavon.	.50	
S-489 - - -	sessilifolia Mart.et Gal.	.25	
604 Palicourea	guianensis Aubl.	.50	
257 - - -	triphylla DC.	.50	
288 Anisomeris	protracta (Benth.) Standl.	.25	
S-471 Rudgea	ceratopetala Donn.Sm.	.50	

CAMPANULATAE

CUCURBITACEAE. Gourd Family

S-190 Luffa	cylindrica (L.) Roem.	.10
S-112 Gurania	Makoyana (Lem.) Cogn.	.25
S-298 Anguria	diversifolia Cogn.	.25
393 Cayaponia	attenuata (H.et A.) Cogn.	.25
S-179 - - -	microdonta Blake.	.25
1054 - - -	alata Cogn.	.25
S-180 Sicydium	Schiedeanum Schlecht.	.25
S-485 Momordica	charantia L.	.10

CAMPANULACEAE. Bellflower Family

173 Isotoma	longiflora (L.) Presl.	.10
937 Lobelia	Cliffortiana L.	.10

COMPOSITAE

\$.C

VERNONIEAE Vernonia Family.

83	Vernonia	argyropappa Buck.	.50
12	- - -	Schiedeana Less.	.50
S-153	- - -	canescens HBK.	.50
31	- - -	Aschenborniana Schauer.	.50
723	Elephantopus	hypomelaeus Blake.	.10
712	Pseudelephantopus	spicatus (Juss.) Rohr.	.10
138	Piptacarpa	chontalensis Baker.	.50

EUPATORIEAE

513	Mikania	Houstoniana (L.) Robinson.	.50
487	- - -	micrantha HBK.	.25
745	- - -	punctata Klatt.	.50
137	Eupatorium	albicaula (Schl.) Bip.	.50
3	- - - -	Billbergianum Beurl.	.50
401	- - - -	macrophyllum L.	.25
69	- - - -	odoratum L.	.25
S-287	- - - -	morifolium Mill.	.50
1096	- - - -	Oerstedianum Benth.	.50
611	Ageratum	elliptica Robinson.	.25
739	- - - -	tomentosum (Benth.) Hemsl.	.25
20	Neurolaena	lobata (L.) R.Br.	.25
290	Schistocarpa	paniculata Klatt.	.25
933	- - - -	oppositifolia (Kuntze.) Rydl.	.25

ASTEREAE Aster Family.

166	Baccharis	trinervis (Lam.) Pers.	.50
815	Erigeron	pusillus Nutt.	.10
181	- - -	spathulatus Vahl.	.10

INULEAE

527	Gnaphalium	attenuatum DC.	.25
762	Pluchea	odorata Cass.	.50
619	- - -	purpurescens (Sw.) DC.	.25

HELIANTHEAE Sunflower Family.

804	Polymnia	maculata Cav.	.50
500	Bidens	squarrosa HBK.	.50
936	- - -	pilosa L.	.10
757	Calea	uticifolia (Mill.) DC.	.25
773	- -	Peckii Rob.	.25
558	- -	longipedicellata Rob. et Greenm.	.25
280	- -	trichotoma Donn. Sm.	.25

179	Eclipta	alba (L.) Hassk.	\$.10
981	Spilanthes	americana (Mutis.) Hieron.	.10
1116	Zexmenia	serrata Wlave.	.50
867	Goldmanella	sarmentosa Greenm.	.25
599	Wedelia	acapulcensis HBK.	.10
689	- - -	triloba (L.) Hitchc.	.10
282	Melanthera	aspera (Jacq.) Rich.	.10
643	Elvira	biflora (L.) Cass.	.10
13	Clibadium	arboreum Donn.Sm.	.25
972	- - -	polygynum Blake.	.25
871	Montanoa	pauciflora Klatt.	.50
479	Verbesina	lanata Greenm.	1.00

HELLENIOIDEAE

673	Pectis	Schottii (Fern.) Phillip. et Chase.	.10
831	- - -	prostrata Cav.	.10

EMULSIONAE

684	Emilia	sagittata (Vahl.) DC.	.10
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MUTISIEAE

1131	Chaptalia	nutans (L.) Polak.	.10
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CYNAREAE

260	Cirsium	mexicanum DC.	.25
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BEAUTIFUL FLOWERING TREES

In the foregoing list Subscribers will find some of the most gorgeous flowering trees to be seen in the Central American forests. I have given the height in feet.; also the colour of the flowers. All of those catalogued under this heading are ideal for street, and avenue planting, in Tropical and Subtropical countries.

		Height.	Colour.	Packet
126	Compsonaura Sprucei	50ft.	yellow	.50
449	Acacia glomerosa	70	white	.50
538	Inga Schippii	40	white	.75
24	- - belizensis	40	white	.75
537	Pterocarpus officinalis	60	yellow	.50
529	- - - - Hayesii	60	Orange	.50
1117	Platymiscium yucatanum	80	yellow	.75
795	Piscidia communis	60	pink	.50
130	Lonchocarpus guatemalensis	60	pink & dark rose	.50
1120	- - - - amarus	100	rose & purple	1.00
646	- - - - hondurensis	50	purple	.75
484	Andira inermis	60	dark red	.50
876	Schizolobium parahybum	80	canary yellow	.50
176	Byrsonima crassifolia	35	yellow & reddish orange	.50
158	Vochysia hondurensis	80	orange	.75
267	Cupania auriculata	35	creamy white	.75
8	Belotia Campbellii	50	pink	.50
1119	Luehea Seemannii	100	cream	.50
466	Symphonia globulifera	60	deep red	.75
45	Cochlospermum vitifolium	40	yellow	.50
27	Miconia chrysophylla	35	white	.50
244	- - - dodecandra	35	white purple stamens	.75
40	- - - habrolepis	40	white	.75
41	- - - argentea	40	white	.50
726	Clethra hondurensis	40	white	.50
443	Schizocardia belizensis	60	pink	1.50
423	Tabernaemontana arborea	50	white	.50
168	- - - - Schippii	40	white	1.00
197	Vitex Gaumeri	60	blue	.50
425	Bourreria oxyphylla	40	white	.50
142	Cordia alliodora	50	white	.50
1133	Jacaranda copaia	80	light blue	1.00
730	Tabebuia pentaphylla	80	pink	.75
1173	- - - chrysantha	80	yellow	.75
530	Posequeria latifolia	50	white	.50
479	Verbesina lanata	35	white	1.00

FOLIAGE TREES SUITABLE FOR STREET PLANTING

While the trees in this section are not noteworthy for brightly hued flowers, still quite a number are to be recommended for their economic value. The majority are highly suitable where shade is the main feature to be considered.

		Height	Colour	Packet \$.C
663	Quercus oleoides	50ft.	cream	.50
209	- - - var. australis	50	cream	.50
1094	Piratinera Schippii	40	yellow	1.00
974	Gymbopetalum penduliflorum	50	green	1.00
408	Rollinia Jimenezii	40	cream	.50
475	Virola brachycarpa	50	yellow	1.00
949	- - - merendonis	80	cream	.50
1170	Pimento officinalis	40	cream	.50
79	Phoebe belizensis	40	cream	1.00
281	- - - mexicana	50	white	.50
571	Nectandra glabrescens	50	cream	.50
164	- - - - membranacea	50	cream	.50
566	- - - - sanguinea	50	cream	.50
308	Licania platypus	80	white	.50
569	Couepia dodecandra	50	white	.50
127	Dialium divaricatum	80	white	.50
1024	Pithecolobium macradenium	60	white	.50
861	Tetragastris Stenensonii	50	reddish	.50
123	Simaruba glauca	60	cream	.50
1021	Protium copal	40	cream	.50
414	Guarea excelsa	50	cream	.50
952	- - - chichon	60	cream	.50
1070	- - - guara	40	cream	.50
1067	Cupania macrophylla	40	cream	.50
1093	- - - belizensis	50	cream	.50
323	Sloanea eriostemon	50	cream	.50
1163	- - - Schippii	50	yellow	1.00
434	Calophyllum Brasilense var.	60	white	.50
524	Rheedia edulis	50	white	.50
1132	Amphirrhox subsessilis	50	white	1.00
1151	Gustavia integrifolia	40	white	1.00
769	Terminalia excelsa	80	white	.50
303	Chrysophyllum mexicanum	50	cream	.50
1157	- - - - cainito	60	cream	.50
101	Maripa macrophylla	50	green	.50
231	Quiina Schippii	40	white	1.00
S-446	Calatola laevigata	50	cream	.50

		Height	Colour	Packet \$.C
1053	Alseis yucatanana	60ft	Pink	.50
1124	Lucuma izabalensis	60	cream	.50
1126	- - - Durlandii	50	cream	.50
1146	Parinetiera edulis	50	green	.75
1155	Poulsenia armata	60	cream	.50

SHADE TREES SUITABLE FOR FIELD CROPS

Where a light shade is necessary as for Tea, Coffee and Cocoa plantations, the trees found in the following list are to be highly recommended, as suitable for the purpose.

440	Acacia glomerosa	70		.50
412	Albizzia idiopoda	50		.50
380	Inga xalapensis	40		.50
383	- - - Rodrigueziana	40		.50
767	- - - pinetorum	35		.50
163	- - - leptaloba	35		.50
295	- - - edulis	35		.25
621	Pithecolobium Recordii	35		.50
1113	- - - - - belizense	40		.50
876	Schizolobium paranybum	80		.50
705	Ateleia cubensis	35		.50
301	Lonchocarpus latifolius	40		.50
462	Dalbergia laevigata	50		.50
795	Piscidia communis	60		.50

FLOWERING SHRUBS

To give a complete list of the flowering shrubs is not intended. Therefore I have only listed those which are of outstanding merit; and particularly showy for large shrubberies. Many others will be found in the body of the Catalogue, under their respective Orders.

865	Iresine nigra	15	white	.50
33	Hirtella americana	10	rose	.50
118	Connarus Lambertii	8	cream	.50
S-175	Callandra rhodocephala	6	scarlet	.75
657	- - - Houstoniana	8	red	.50
1106	- - - portoricensis	7	white	.50
704	Mimosa albida	5	pink	.50
691	- - - somnians	4	pink	.50
749	Pithecolobium Peckii	12	salmon	.50
5	- - - - - Donnell-Smithii	8	white	.50

		Height	Colour	Packet \$.C
748	Pithecolobium	Keyense	white	.50
609	Sophora	tomentosa	yellow	.50
870	Quassia	anara	rose	.75
508	Suriana	maritima	yellow	.50
1030	Malpighia	glabra	rose	.50
802	Bunchosia	nitida	yellow	.50
448	Heteropteris	Beecheyana	pink	.50
818	- - - - -	brachyptera	yellow	.75
143	- - - - -	laurifolia	yellow	.50
708	Malvaviscus	grandiflorus	scarlet	.25
193	Ouratea	nitida	yellow	.50
S-468	- - -	stenobotrys	yellow	.50
317	Arthrostemma	fragile	pink	.50
706	Tibouchina	longifolia	white	.50
18	Leandra	mexicana	pink	.50
395	Miconia	belizensis	white pur stamen	.75
320	Maieta	cuneata	white	.75
227	Tococa	coracea	shell pink	.50
678	Jussiaea	nervosa	yellow	.25
S-121	Parathesis	aeruginosa	pink	.50
287	- - - - -	melanostricta	pink	.50
415	- - - - -	obovata	pink	.50
38	Ardisia	compressa	shell pink	.50
S-124	- - -	nigropunctata	pink	.50
431	- - -	pascualis	pink	.50
478	- - -	Donnell-Smithii	pink	.50
930	Tournefortia	gnaphaloides	white	.50
727	Petrea	arborea v. albiflora	white	.75
S-556	- - -	arborea	blue	.50
265	Cornutia	grandifolia	mauve	.50
S-17	Cestrum	macrophyllum	white	.50
330	- - -	nocturnum	green	.25
603	Lycianthes	lenta	white	.25
671	Russelia	polyedra	scarlet	.50
37	Aphelandra	Deppeana	red	.25
1063	- - - - -	aurantiaca	orange	.50
146	Odontonema	cuspidatum	scarlet	.50
222	- - - - -	paniculiferum	yellow	.50
523	Jacobinia	scarlatina	red	.75
354	- - - - -	ensiflora	salmon	.75
1110	Louleridium	Donnell-Smithii	green	.75

FLOWERING SHRUBS

		Height	Colour	Packet \$.C
230	Lindenia rivalis	5ft	white	.50
105	Hamelia patens	7	red	.50
54	Cephaelis elata	9	claret & white	.50
10	- - - - tomentosa	4	red & white	.25
345	Faramea brachysiphon	7	blue	.75
410	- - - occidentalis	10	white	.50
1043	Ixora nicaraguensis	10	white	.50
1187	Coussarea impetiolearis	15	white	.50
557	Elaterium gracile	7	white vine	.25
604	Palicourea guianensis	10	orange	.50
257	- - - triphylla	6	orange	.50
20	Neurolaena lobata	8ft	yellow	.25
166	Bacharis trinervis	8	white	.25
12	Vernonia Schiedeana	10	white	.50
762	Pluchea odorata	6	mauve	.25
738	Ageratum tomentosum	4	blue	.25
1096	Eupatorium Oerstedianum	6	white flushed red	.50
757	Calea uticifolia	5	white	.25
1116	Zexmenia serrata	9	yellow	.25
871	Montanoa pauciflora	8	white	.50
500	Bidens squarrosa	6	yellow	.50

CLIMBERS

The magnificent flowering vines of Central and South America are without a doubt the most gorgeous gems to be found in Nature's realm. Pride of place must be given to the Bignoniaceae family; to which quite a number herein listed belong; and generally, in the Nurserymen's catalogues, wrongly placed in the genus Bignonia. The Combretums, and several others, are well worthy of introduction into European gardens, for their beauty and exquisite fragrance.

1125	Dichorisandra hexandra	25	blue	.50
934	Neodonnellia grandiflora	20	white	.75
S-125	Aristolochia grandiflora	40	cream & brown	.50
384	- - - maxima	35	cream & brown	.50
75	- - - Schippii	50	cream & brown	.75
956	- - - pilosa	30	brown	.50
S-415	- - - Chapmaniana	50	dark brown	.50
S-407	- - - sp	40	brown	.50
144	Chamissoa altissima	60	greenish white	.25
60	Pfaffia Hookeriana	35	white	.50
1130	Pisonia aculeata	35	greenish	.50
S-34	Boussingaultia leptostachys	25	cream	.50
321	Cnestidium rufescens	35	white	.50

CLIMBERS

Packet

		Height	Colour	Packet
104	Rourea	40	white	\$.50
1168	- - -	50	white	.75
S-178	Antada	40	white	.50
1143	- - -	60	cream	.50
725	Minosa	50	white	.50
S-497	- - -	30	white	.75
1097	- - -	30	white	.50
1081	Bauhinia	50	yellow	.75
810	Dalbergia	30	white	.50
S-133	Dioclea	35	mauve	.50
880	Stigmaphyllon	30	yellow	.50
S-456	- - - - -	30	yellow	.50
1105	Hiraea	40	yellow	.50
1138	- - -	40	yellow	.50
1084	Dalechampia	25	cream	.50
S-181	- - - -	7	pink veined salmon	.75
289	Vitis	30	white	.50
476	Marcgravia	100	cream & red	.75
514	Souroubea	100	orange red	.75
S-553	Corynostylis	30	white	.75
S-143	Passiflora	30	mauve	.50
S-395	- - - -	25	mauve	.50
S-466	- - - -	40	rose purple & whi	.50
1111	Begonia	10	white	.50
S-176	Cereus	30	white	.50
S-411	- - -	50	white & magenta	.50
87	Combretum	50	orange scarlet	1.00
36	- - - -	60	greenish yellow	.75
356	- - - -	60	white	.50
534	Adelobotrys	30	shell pink	.50
121	Strychnos	40	white	.50
178	Allamanda	30	yellow	.50
S-25	Adontadenia	40	yellow & red	.50
S-6	Mandevilla	30	yellow & red	.50
954	Vincetoxicum	25	green & brown	.50
674	Metastelma	8	white	.50
962	Fischeria	30	yellow & green	1.00
1125	Maripa	50	rose	.50
S-288	Rivea	40	magenta	1.00
1128	Turbina	40	white	.50
878	Ipomoea	30	pink rose yellow	.50
421	- - -	25	red	.50

53
CLIMBERS

		Height	Colour	Packet
S-303	Lycianthus nitida	15	mauve	\$.50
BIGNONIACEAE				
S-94	Macfadyena uncinata	30	yellow	.50
S-61	Anphilophium paniculatum	40	rose	.50
S-51	Callichlamys latifolia	60	yellow	.50
771	Cydista aequinoctialis	50	pink	.50
224 - - -	diversifolia	50	rose	.50
701	Petastoma patelliferum	35	dark rose	.75
S-297 - - -	caudiculatum	35	white	1.00
1127	Clytostoma elegans	50	rose	1.00
347	Paragonia pyramidata	60	pink	.75
284	Arrabidaea belizensis	40	light claret	1.00
593 - - - -	floribunda	50	rose	.75
1064 - - - -	Lundellii	50	pink	1.00
S-2	Adenocalymna punctifolium	35	yellow	.50
S-561	Tanaecium Zetekii	40	light yellow	.50
S-566	Anemopaegma belizense	50	yellow	.50
.....				
S-149	Cedonantho confusa	25	shell pink	.50
961	Mendoncia belizensis	50	scarlet	1.00
745	Mikania punctata	30	white	.50
487 - - -	micrantha	25	white	.25
137	Eupatorium albicaule	30	greenish white	.50
558	Calea longipedicellata	20	yellow	.25
138	Piptocarpha chontalensis	50	white	.50

COVER CROPS AND GREEN MANURES

In recent years, with the advance in Agricultural knowledge, and the "back to Nature" methods of planting, the wide-awake farmer, and planter, has given more attention to green-manuring, and cover-cropping than in former times. This is not only on account of their value as conservers of moisture, and as soil enrichers, but with the idea of cutting working expenses to a minimum; by doing away with the continual weeding and hoeing work. In Java, Sumatra Ceylon and the Federated Malay States, where vast plantations are the order, weeding expenses are practically nil; when once cover-crops become established. British Honduras is virtually the home of leguminous plants; as the following list will go to prove.

64	Aeschynomene hispida Sw.	.10
660 - - - -	laevis M.et G.	.10
417	Desmodium adscendens (Sw.) DC.	.10
826 - - - -	purpureum (Mill.) Fawc.et Rendle.	.10

COVER CROPS & GREEN MANURES

		Packet \$.C
841	Desmodium scorpiurus (Sw.) Desv.	.10
372 - - - -	frutescens (Aubl.) Schindl.	.10
702 - - - -	triflorum (L.) DC.	.10
950 - - - -	axillare (Sw.) DC.	.10
486	Stylosanthes guianensis (Aubl.) Sw.	.25
563	Indigofera suffruticosa Mill.	.25
670	Tephrosia cathartica (S. et M.) Urban.	.25
685 - - - -	littoralis (L.) Pers.	.25
1108	Barbieria pinnata (Pers.) Baill.	.50
493	Crotalaria mapurensis HBK.	.25
816 - - - -	retusa L.	.10
548 - - - -	sagittalis L.	.10
S-294	Mucuna Sloanei Fawc. et Rendle.	.25
772	Eriosema pulchellum (HBK.) Don.	.25
573	Clitoria rubiginosa Juss.	.25
1153	Canavalia mexicana Piper.	.25
S-133	Dioclea guianensis Benth.	.50
938	Calopogonium brachycarpum Benth.	.25
940 - - - -	coeruleum Benth.	.25
613	Galactia striata (Jacq.) Urban.	.25
864	Phaseolus elegans Piper.	.25
729 - - - -	gracilis Poepp.	.25
844 - - - -	adenanthus Meyer.	.25
620 - - - -	hirsutus Mart.	.25
855 - - - -	lunatus L.	.25
S-551 - - - -	lathyroides L.	.25
718	Pachyrhizus palmatilobus (M. et S.) B. et H.	.25
502	Vigna repens (L.) Kuntze.	.25
S-285 - -	vexillata (L.) A. Rich.	.25
579	Centrosema angustifolium (HBK.) Benth.	.25
732 - - - -	virginiana (L.) Benth.	.25
720	Cassia wilsoni (S. et B.) Standl.	.25
557 - -	Bartlettii Standl., sp. nov.	.25
594 - -	diphylla L.	.25
637 - -	flexuosa L.	.25
694 - -	Killipii Rose.	.25
490 - -	nictitans L.	.25
847 - -	leiophylla Vog.	.25
638 - -	tagera L.	.25
704	Mimosa albida H. et B.	.50
691 - -	somnians H. et B.	.50

Special quotations for large quantities.

AQUATIC AND MARSH PLANTS etc.

The plants coming under this heading are attractive, and will add beauty and charm to Tropical Parks and Gardens; if a reasonable amount of forethought is given as regards planting. So as to give them as natural a setting as possible. Several (followed by the letter A) are suitable for small aquariums. Quite a number (MP or L) are ideal plants for margins of pools, or lakes; while the majority, are handsome foliage plants, suitable for shady dells, or mountain streams SD or MS. This suitability only applies to Tropical, or Semi-tropical countries. If required for the Temperate zones, they would be better in tubs, or pots, for hothouse or conservatory decorative purposes.

Packet

\$.C

89	Alsophila	blechnoides	4ft	SD or MS	Fern	.50
191	- - -	myosuroides	20	- - -	-	.50
276	Dryopteris	equestris	3	- - -	-	.50
926	- - - -	struthiopteroides	2	- - -	-	.50
50	Asplenium	cristatum	1	- - -	-	.50
S-48	Adiantum	Wilsoni	1	- - -	-	.50
340	- - -	macrophyllum	1	- - -	-	.50
241	- - -	pulverulentum	2	- - -	-	.25
48	- - -	Wilesianum	3	- - -	-	.50
273	Polybotrya	villosula	10	- - -	climber	.50
343	Acrostichum	aureum	6	- - -	-	.25
402	Olfersia	cervina	2	- - -	-	.50
406	Didymochlaena	truncatula	4	- - -	-	.50
272	Tectaria	martinicensis	3	- - -	-	.25
315	Saccoloma	inaequale	3	- - -	-	.25
526	Leptochilis	cladorhizans	1½	- - -	-	.25
S-3	Lophidium	elegans	1	- - -	-	.50
S-15	Lygodium	volubile	15	- - -	climber	.50
328	- - -	polymorphum	15	- - -	- - -	.50
422	Danaea	nodosa	4	- - -	-	.50
355	- -	elliptica	2	- - -	-	.50
234	Lycopodium	cernuum	3	- - -	Lycopodiaceae	.25
578	- - - -	carolinianum	prostrate	MP	- - - -	.25
99	Selaginella	cuspidata	9inches	SD or MS	Selaginellaceae	.25
51	- - - -	umbrosa	1	- - - -	- - - -	.25
52	- - - -	Galeottii	1	- - - -	- - - -	.25
157	Salvinia	auriculata	floating	A	Salviniaceae	.25
991	Naias	guadalupensis	3	-	Naiadaceae	.25
921	Cyperus	articulatus	6	MP or L	Cyperaceae	.25
1136	Cabomba	aquatica	3	A	Nymphaeaceae	.50

AQUATIC AND MARSH PLANTS Etc.

		Height			Packet \$.C
119	Pontederia	cordata	2 $\frac{1}{2}$	MP	Pontederiaceae .50
955	- - -	lanceolata	1 $\frac{1}{2}$	-	- - - .50
499	Michornia	crassipes	1 $\frac{1}{2}$	A	- - - .50
640	Nymphaea	ampla	3	-	Nymphaeaceae .50
1026	- - -	blanda	3	-	- - - .50
747	Brasenia	purpurea	4	-	- - - .50
948	Marathrum	foeniculaceum	1	-	Podostemonaceae .50
S-137	Mayaca	Aubletii	3	-	Mayacaceae .25
721	Sagittaria	lancifolia	2 $\frac{1}{2}$	-	Alismaceae .50
617	Limnanthemum	Humboldtianum	2	-	Menyanthaceae .50
629	Utricularia	resupinata	9ins	-	Lentibulariaceae .50
608	- - -	purpurea	3	-	- - - .50
603	- - -	obtusa	4	-	- - - .50
S-89	- - -	adenantha	6ins	MP	- - - .50
630	- - -	aureola	4	-	- - - .50
633	- - -	dicardia	1	-	- - - .50
S-88	- - -	fimbriata	4	-	- - - .50
412	- - -	junceae	1	-	- - - .50
631	- - -	- v. minima	3	-	- - - .50
560	- - -	macerrima	1 $\frac{1}{2}$	-	- - - .50
632	- - -	Peckii	5	-	- - - .50
367	- - -	purcilla	6	-	- - - .50
262	Costus	spicatus	3	SD-MS	Zingiberaceae .50
416	- - -	villosissimum	9	-	- - - .75
321	Renealmia	aromatica	8	-	- - - .25
253	Calathea	albicans	1	-	- - - .25
95	- - -	lutea	9	-	Marantaceae .75
370	- - -	macrosepala	4	-	- - - .50
331	- - -	sp.	6	-	- - - .50
1048	Pleiostachya	pruinosa	5	-	- - - .50
305	Myrosma	guapilensis	6	-	- - - .50
420	Thalia	geniculata	7	MP-L	- - - .75
779	Stenorhynchus	squamulosus	2	-	Orchidaceae .25
778	- - -	lanceolatus	1 $\frac{1}{2}$	-	- - - .25
S-82	Bletia	alta	3	-	- - - .25
S-171	Eulophia	longifolia	4	-	- - - .25
539	Drosera	capillaris	3in	-	Droseraceae .25
754	Oxalis	Neaei	6	-	Oxalidaceae .25
208	Biophytum	dendroides	4	-	- - - .25
511	Phragmites	communis	10	-	Gramineae .25
S-131	Xyris	subnavicularis	3	-	Xyridaceae .25
550	- -	jupicai	1	-	- - - .25

AQUATIC AND MARSH PLANTS etc.

Packet

		Height 6 ins	MP or L		Packet	\$.C
647	Eriocaulon	Schippii		Eriocaulaceae		.25
552	Nemastylis	Bequaertii	-	Iridaceae		.50
651	Cipura	paludosa	-	- - -		.50
S-300	Marica	gracilis	1½	- - -		.50
639	Acisanthera	quadrata	6 -	Melastomaceae		.25
677	- - -	Bartlettii	10 -	- - - -		.25
707	- - -	trivialis	1	- - - -		.25
46	Aciotis	paludosa	1½	- - - -		.25
29	Nepsera	aquatica	2	- - - -		.25
652	Pterolepis	pumila	18 -	- - - -		.25
776	Schultesia	heterophylla	1	Gentianaceae		.25
446	Couteubea	spicata	2	- - - -		.25
1086	Chelonanthus	alatus	4	- - - -		.25
649	Sauvagesia	erecta	1	Ochnaceae		.25
1082	Alectra	melampyroides	4	Scrophulariaceae		.25
671	Russelia	polyedra	4	- - - -		.50
750	Angelonia	ciliaris	2	- - - -		.25
591	Gerardia	albida	1	- - - -		.25
614	- - -	maritima var	1½	- - - -		.25
610	Bacopa	naias	1	A - - -		.25
561	Hydrolea	spinosa	3	- - Hydrophyllaceae		.25
733	Wissadula	excelsior	4	- - Malvaceae		.25
549	Melocnia	hirsuta	3	- - Sterculiaceae		.10
599	Anona	glabra	30	- - Annonaceae		.50
430	Pachira	aquatica	50	- - Bombacaceae		.50
607	Genlisea	luteoviridis	4 -	- - Lentibulariaceae		.25
207	Xiphiidum	caeruleum	1	- - Haemodoraceae		.50
835	Heliconia	hirsuta var. can	4	- - Musaceae		.75
1112	- - -	aurantiaca	5	SD or MS - - -		.50
329	- - -	marginata	8	- - -		.50
375	- - -	pendula	10	- - -		1.00
979	- - -	Champneiana	10	- - -		.50
S-413	- - -	Mariae	20	- - -		1.00
S-414	- - -	bihai	6	- - -		.75
357	- - -	acuminata	7	- - -		.50
252	Spathiphyllum	phryniifolium	2	- - Araceae		.50
S-8	Carludivica	utilis	10 climbing	- Cyclanthaceae		.50
S-516	- - -	palmata	8	- - -		.50
562	Myrica	cerifera	10	MP or L Myricaceae		.50
72	Iresine	celosia	4	- - Amaranthaceae		.10
469	Rivinia	humilis	2	- - Phytolaccaceae		.25

CLIMBING AND EPIPHYTICAL ARACEAE, BROMELIACEAE etc.

The gigantic leaved climbing forms in the Araceae family are seen to better advantage if planted at the base of avenue trees, and allowed to climb by means of their aerial roots, which form at each node. The epiphytical species will become quickly established if tied securely to branches of trees, with a protective covering of moss about their roots, until they become firmly attached to branch. This is also applicable to the Bromeliaceae order. It is no uncommon sight to see huge branches torn away from forest trees, by the sheer weight of numbers of these epiphytes growing under natural conditions.

		Height		Packet
98	Aechmea	bracteata	2½ft	Bromeliaceae .50
S-511	- -	nudicaulis	3	- - - - .50
S-22	Vriesia	disticha	10ins	- - - - .50
S-189	- - -	paniculata	10 -	- - - - .50
S-82	- - -	Schippii	1	- - - - .75
S-132	Catopsis	Berteroniana	1½	- - - - .50
1042	- - -	nitida	9 -	- - - - .25
S-104	Tillandsia	filifolia	9 -	- - - - .50
390	- - - -	digitata	1	- - - - .50
S-10	- - - -	streptaphylla	1½	- - - - .75
S-53	- - - -	salbisiana	1	- - - - .50
133	- - - -	junceae	1	- - - - .50
114	- - - -	bulbosa	9 -	- - - - .25
S-445	- - -	vestita	1	- - - - .50
S-449	Begonia	heracleifolia	2	Begoniaceae 1.00
318	Rhipsalis	cassutha	3	Cactaceae .50
S-23	- - - -	coriacea	2½	- - - - .50
371	Epiphyllum	pumilum	3	- - - - .50
S-176	Cereus	pentagonus	30 climber	- - - - .50
S-411	- - -	minutiflorus	45 -	- - - - .50
S-389	Merinthopodium	neuranthum	6	Solanaceae .75
S-303	Lycianthus	nitida	5	- - - - .25
1056	Columnnea	sulfurea	2	Gesneriaceae .50
78	Anthurium	scandens	3pendulous	.50
S-16	- - - -	scolopendrinum	1	Araceae .50
S-279	- - - -	aemulum	10	- - - - .50
S-177	- - - -	concinatum	1½	- - - - .50
S-192	- - - -	myosuroides	10	- - - - .75
S-402	- - - -	crassinervium	3	- - - - .75
S-126	Monstera	acuminata	40	- - - - .75
545	Philodendron	belizensis	30	- - - - 1.00
S-74	- - - -	guttiferum	30	- - - - .50
S-9	- - - -	panamensis	2	- - - - .75

CLIMBING AND EPIPHYTICAL ARACEAE, BROMELIACEAE etc.

		Height		Packet
S-292	Philodendron tripartitum	30ft	Araceae	\$.50
S-304	- - - - - oxy cordium	30	- - -	.50
314	Hymenophyllum polyanthos	8	Filices	.25
S-21	Trichomanes Ankersii	9ins	- - -	.25
324	- - - - - Hookerii	$\frac{1}{2}$ -	- - -	.25
S-83	- - - - - polypodioides	3 -	- - -	.25
394	Nephrolepis biserrata	6	- - -	.25
50	Asplenium cristatum	1	- - -	.50
211	- - - - - Palmeri	5 -	- - -	.25
S-274	- - - - - abscissum	1 -	- - -	.25
S-273	- - - - - dentatum	1	- - -	.25
S-277	- - - - - semicordatum	6 -	- - -	.25
S-84	Stenochlaena recurvata	6 climber	- - -	.50
47	Polypodium lycopodioides	6 - -	- - -	.25
349	- - - - - polypodioides	2 - -	- - -	.25
210	- - - - - ciliatum	6 - -	- - -	.25
213	- - - - - duale	3ins	- - -	.25
233	- - - - - percussum	3 - -	- - -	.25
S-80	- - - - - brasilense	2	- - -	.50
S-265	- - - - - taxifolium	1	- - -	.50
273	Polybotrya villosula	8 - -	- - -	.50
S-268	Elaphoglossum longifolium	1	- - -	.50
S-269	Vittaria angustifolia	6 -	- - -	.25
153	- - - - - lineata	18 -	- - -	.25
S-270	Monogramma linearifolia	6 -	- - -	.25
S-69	Anetium citrifolium	9 -	- - -	.25
S-11	Lycopodium linifolium	2	Lycopodiaceae	.50
S-261	Psilotium triquetrum	10 -	- - - - -	.25

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OMISSIONS & RECENT ADDITIONS TO COLLECTION

Packet

\$.C

		Nat Order	
S-4 Polytaenium	brasilianum (Desv.) Benedict.	Filices	.50
S-50 Hecistopteris	pumila (Spreng.) J. Sm.	- - -	.50
373 Chaetochloa	vulpiseta (Lam.) H. et C.	Gramineae	.10
S-522 Chamaedorea	oblongata Mart.	Palmae per 100	1.00
S-521 - - -	neurochlamys Burret.	- - - -	1.00
S-519 Bactris	ovata (Oerst.) Wendl.	- - - -	1.00
647 Eriocaulon	Schippii Standl., sp. nov.	Eriocaulonaceae	.50
S-130 Paepalanthus	sp.	- - - - -	.10
693 Tonina	fluviatilis Aub.	- - - - -	.25
S-591 Guzmania	lingulata (L.) Mez.	Bromeliaceae	.50
S-300 Marica	gracilis Herb.	Iridaceae	.50
1188 Dorstenia	contrajerva L. var. Houstoni Bur.	Moraceae	.25
1200 Coccoloba	cozumelensis Hemsl.	Polygonaceae	.50
1189 Hyperbaena	hondurensis Standl.	Menispermaceae	.50
1170 Pimenta	officinalis Lindl.	Lauraceae	.50
1198 Sickingia	salvadorensis Standl.	- - -	.50
1168 Rourea	Schippii Standl., sp. nov.	Connaraceae	1.00
1209 Albizzia	adinocephala (Donn. Sm.) B. et R.	Leguminosae	.50
1192 Cynometra	retusa Britt. et Rose.	- - - -	.50
1196 Pithecolobium	halogenes Standl., sp. nov.	- - - -	1.00
1197 Bauhinia	sericella Standl., sp. nov.	- - - -	1.00
876 Schizolobium	parahybum (Vell.) Blake.	- - - -	1.00
795 Piscidia	communis (Blake.) Harms.	- - - -	.50
1212 Swartzia	simplex (Swartz.) Spreng.	- - - -	.50
S-577 Drepanocarpus	lunatus (L.f.) Mez.	- - - -	.50
1194 Machaerium	Seemannii Benth.	- - - -	.50
S-586 Erythroxylon	tabascense Britton.	Erythroxylaceae	.75
1180 Phyllanthus	nobilis (L.f.) Muell Arg.	Euphorbiaceae	.50
S-593 Acalypha	lancetillae Standl.	- - - - -	.50
1204 Amanoa	grandiflora Muell Arg.	- - - -	.50
1211 Tragia	yucatanensis Millsp.	- - - -	.10
1208 Serjania	adiantoides Radlk.	Sapindaceae	.50
1163 Sloanea	Schippii Standl., sp. nov.	Elaeocarpaceae	1.00
231 Quiina	Schippii Standl., sp. nov.	Quiinaceae	1.00
1199 Corynostylis	arborea (L.) Blake.	Violaceae	.75
1182 Homalium	riparium Standl., sp. nov.	Flacourtiaceae	1.00
797 Myrcia	Oerstediana Berg.	Myrtaceae	.50
944 - -	rhizophorae Standl., sp. nov.	- - -	1.00
S-583 Clidemia	bullosa Cogn.	Melastomaceae	.25
1028 Jacquinia	paludicola Standl., sp. nov.	Myrsinaceae	1.00
S-174 - - -	aurantiaca Ait.	- - - -	.00
1023 Deherainia	smaragdina (Planch.) Dcne.	- - - -	.50

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1202 <i>Dipholis</i>	<i>durifolia</i> Standl., sp. nov.	Sapotaceae	1.00
1205 <i>Lisianthus</i>	<i>collinus</i> Standl., sp. nov.	Gentianaceae	.50
S-592 <i>Plumeria</i>	<i>acutifolia</i> Poir.	Apocynaceae	.50
962 <i>Fischeria</i>	<i>Briquetiana</i> Standl., sp. nov.	Asclepiaceae	1.00
S-575 <i>Vineetoxicum</i>	<i>Schippii</i> Standl., sp. nov.	- - - -	1.00
1161 <i>Cuscuta</i>	<i>umbellata</i> HBK.	Cudcutaceae	.25
S-587 <i>Tournefortia</i>	<i>glabra</i> L., forma.	Boraginaceae	.50
1169 <i>Heliotropium</i>	<i>indicum</i> L.	- - - -	.10
S-556 <i>Petrea</i>	<i>arborea</i> HBK.	Verbenaceae	.50
1190 <i>Citharexylum</i>	<i>hexangulare</i> Greenm.	- - - -	.25
1166 <i>Lippia</i>	<i>stoechadifolia</i> (L.)HBK.	- - - -	.25
S-389 <i>Merinthopodium</i>	<i>neuranthrum</i> (Hemsl.) Donn. Sm.	Solanaceae	.75
S-584 <i>Solanum</i>	<i>Schippii</i> Standl., sp. nov.	- - - -	.50
1175 - - -	<i>guanicense</i> Urban.	- - - -	.25
S-574 <i>Stemodia</i>	<i>parviflora</i> Ait.	Scrophulariaceae	.10
S-573 <i>Lundia</i>	<i>dicheilocalyx</i> Blake.	Bignoniaceae	.75
S-566 <i>Anemopaegma</i>	<i>belizeanum</i> Blake.	- - - -	.50
S-561 <i>Tanaecium</i>	<i>Zetekii</i> Standl.	- - - -	.50
1201 <i>Rondeletia</i>	<i>belizensis</i> Standl., sp. nov.	Rubiaceae	.50
1162 - - - -	<i>stachycides</i> Donn Sm.	- - - -	.50
S-585 <i>Hillia</i>	<i>tetrandra</i> Swartz.	- - - -	.75
1160 <i>Randia</i>	<i>aculeata</i> L.	- - - -	.50
1172 <i>Morinda</i>	<i>yucatanense</i> Greenm.	- - - -	.50
1187 <i>Coussarea</i>	<i>impetiolaris</i> Donn.Sm.	- - - -	.50
1176 <i>Palicourea</i>	<i>crocea</i> (Swartz.)Roem.et Schul.	- - - -	.50
S-579 <i>Machaonia</i>	<i>acuminata</i> HBK.	- - - -	.50
S-557 <i>Elaterium</i>	<i>gracile</i> (Hook.et Arn.) Cogn.	Cucurbitaceae	.10
756 <i>Orthopappus</i>	<i>angustifolius</i> (Sw.)Gleason.	Compositae	.10

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